Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 135 MARCH 20, 1939 Number 12

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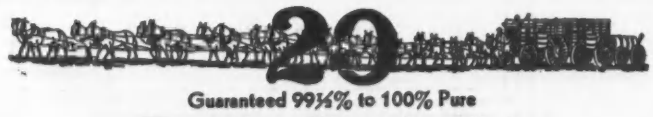

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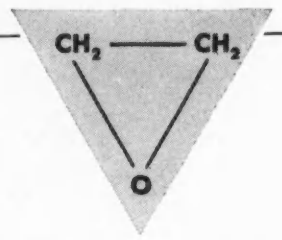

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Oil, Paint and Drug Reporter

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Exporters Discuss Latin-American Trade

Possibilities of sales expansion in foreign markets were outlined and discussed at the annual get-together meeting of the Export Managers' Club, held in the Hotel Pennslyvania March 14. Approximately 850 delegates were in attendance. H. A. Clark, of E. I. Dupont de Nemours & Company delivered an address of welcome as president of the club.

Considerable discussion was given to broadening of sales programs in Latin America and other potential markets in view of the sales losses in Czechoslovakia, China, Spain and Austria. Substantiating the belief of a potentially broader market in Latin America, Eugene P. Thomas, president of the National Foreign Trade Council, said, that in meeting abrupt and disturbing changes in conditions such as obtained in Latin America, flexibility in policy is required. He added that this calls for government participation in credit extension. He referred to the recent loan to Brazil as indicating that the United States intends to protect her legitimate interests.

While there is no ground for exaggerated fears as to the future of our trade with Latin-American countries, Mr. Thomas said that the increasing competition of other countries cannot be ignored, particularly of Germany. While the United States share of Latin-American imports increased from 31 percent of the total in 1936, to 34 percent in 1938, as compared with 14 percent for Germany and 12 percent for Britain, in particular markets the

—*Continued on page* 31

Wage-Hour Act Changes Studied by House Group

OPD Washington Bureau
March 16, 1939

Limited amendments to the wage and hour law to remove certain features of its operation to which objections have been made are being considered by the house committee on labor in consultation with Elmer F. Andrews, Administrator of the Wages and Hours Division of the Department of Labor. The committee is determined to avoid a general revision of the act or any amendments which would weaken it materially.

Among the proposed changes which may be considered are exemptions for salaried office employees receiving more than a specified salary, possibly by providing that they be given compensating time off instead of overtime pay for hours worked in excess of the maximums set in the law; exemption of rural telephone exchanges; extension of the "area of production" exemption of agricultural processers; and protection against penalties for employers relying on interpretative opinions of the administrator.

Oils Tax Increase Opposed by President

OPD Washington Bureau
March 14, 1939

President Roosevelt has endorsed the position of his secretaries of state and agriculture in opposing measures pending in the senate to increase the taxes on imported animal, vegetable, and marine oils.

At his press conference today he said he hoped very much that the proposal as first made in the senate would not be accepted by Congress since it would have an effect on the operation of reciprocal trade agreements and would open the door for a great many other changes in duties and import restrictions. He referred to the drafting of the tariff act of 1930, which began as a measure to provide limited increases in the duties on agricultural products and resulted in a general upward revision of the tariff law.

The senate finance committee has completed hearings on the tax increases but has taken no action as yet.

Grasshopper Fight Given $3,000,000

OPD Washington Bureau
March 16, 1939

President Roosevelt today signed the first deficiency appropriation bill carrying, among other items, an appropriation of $3,000,000 to be used by the Bureau of Entomology and Plant Quarantine for the control of emergency outbreaks of grasshoppers and other insect pests during the current year.

Enactment of the bill was delayed for several weeks because of the controversy over this item, the house having provided only $2,000,000, while the senate favored an appropriation of $5,417,000. A compromise was finally reached at $3,000,000.

Czech Tariff Pact May Be Rescinded

OPD Washington Bureau
March 16, 1939

Drastic revision, if not complete termination, of the tariff bargain between the United States and Czechoslovakia is expected to be announced by the Department of State as soon as official information is received of the exact status of those sections of the former European republic which were absorbed by Germany this week.

Reports reaching Washington indicate that, while the constituent provinces of the former republic will retain a certain amount of autonomy, their foreign trade and international exchange transactions will be handled as though they were integral parts of Germany. This would make it necessary for the Department of State to rescind the provisions of the tariff bargain with these areas, as was done last Fall when the

—*Continued on page* 29

Antitrust Policy to Be Stated By Department of Justice

OPD Washington Bureau
March 16, 1939

Clarification of the methods used by the Department of Justice in investigating and prosecuting antitrust cases may be made within the near future, it was indicated today by Attorney-General Frank Murphy.

The attorney-general announced that he is conferring with representatives from other government departments in an attempt to work out a program which will be vigorous but selective and will not subject industry to undue harassment by investigators. His main objective, he declared, is to prevent the committing of violations of the antitrust laws.

The current investigation of the fertilizer industry, while not discussed by the attorney-general, may be taken as an example of the "vigorous but selective" policy. Before starting this investigation the assistant attorney-genera in charge of the antitrust division, Thurman Arnold, assigned half a dozen of his economists and attorneys to make a general survey of this industry, its products, raw materials, sales methods, trade practices, accounting methods, and related aspects. These men prepared a sort of handbook on the fertilizer industry, pointing out where possible violations of the antitrust laws might be found when examining books of individual manufacturers.

When this was completed, Mr. Arnold obtained the loan of 165 "G-men" from the Federal Bureau of Investigation and put them through an intensive "schooling" on the fertilizer business and the plan of procedure outlined in the handbook. These men were then sent simultaneously to the offices of more than 100 fertilizer manufacturers and the headquarters of the National Fertilizer Association in Washington. Most of the manufacturers, it is said, permitted the agents to examine their files and records, but several insisted that the agents first obtain subpenas.

Since the F. B. I. agents were loaned for only a short time, Mr. Arnold hoped to have all the field work completed within less than a month, after which his regular staff would collate the material collected and decide whether or not to ask an indictment. The type of procedure is designed to avoid long-drawn investigations which have characterized antitrust enforcement in the past.

President Favors Slow War Minerals Buying

OPD Washington Bureau
March 16, 1939

The opposition of President Roosevelt to large expenditure for the purchase of strategic minerals by the army and navy was expressed to the house committee on military affairs this week by the Assistant Secretary of War, Louis Johnson.

A bill to authorize a stockpile purchase program of $100,000,000 during the next four years is already on the senate calendar, and many members of the house committee are supporting a similar measure, but Assistant Secretary Johnson declared that the President was opposed to spending more than $10,000,000 for this purpose next year.

Sulphur Industry Examined by TNEC

OPD Washington Bureau
March 14, 1939

The American sulphur producing industry was examined today by the Temporary National Economic Committee in respect of the control of prices through the aid of an export agreement.

Information on the industry was submitted by attorneys for the Federal Trade Commission, chiefly through Dr. R. H. Montgomery, professor of economics at the University of Texas, in the capacity of expert witness. He presented data taken from statements filed with the Federal Trade Commission by the Sulphur Export Corporation and from reports of producing companies.

The conclusion stated by Dr. Montgomery was that "the price of sulphur is the most rigid in any industry" and that "a monopoly exists in sulphur production." He submitted statistics on production, uses, prices, imports, and production costs of sulphur, and traced the history of the sulphur industry since production was started by the Frash process in Louisiana in 1903. Material put into the record included statements that two companies produce about 94 percent of the brimstone produced in the United States and that each of these companies has a working agreement with one of the only two other producers; that from 1926 to October, 1938, the price of sulphur remained stationery at $18 per ton, except for a few minor fluctuations; that the American producers, through the Sulphur Export Corporation organized under the Webb-Pomerene act, have an agreement with the Italian Sulphur Consortium to divide up world markets and maintain world prices for sulphur, and that the price of imported pyrites, the principal competing raw material for the production of sulphuric acid, has remained practically unchanged for many years at a level which equalizes the costs of producing acid from pyrites and brimstone.

The witness declared that an investigation made by the Italian government in 1906 stated that sulphur could be produced in the United States

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Tariff Board Analyzes 1937 Chemical Imports

An analysis has been made by the United States Tariff Commission of imports through New York of certain chemicals under paragraph 5 of the tariff act, which provides for the duty on chemical elements, salts and compounds, and medicinal preparations, not provided for separately in other paragraphs. The total imports under this paragraph were valued at $3,095,000 in 1937.

In official statistics the imports under paragraph 5 are grouped into thirty-four separate statistical classifications. On these the analysis is concerned with the following eleven basket classifications:—

Salts of fatty acids derived from vegetable oils, not elsewhere specified; all alkaloids, sales and derivatives, not elsewhere specified; medicinal substances of vegetable origin (chrysarobin, papain, digitalin, lecithin, and other active principles except alkaloids); medicinal substances of animal origin (oxgall, bile compounds, gland extracts, etc.); medicinal and pharmaceutical preparations, not specially provided for, not containing alcohol; ammonium compounds, not elsewhere specified; barium compounds, not elsewhere specified; magnesium salts and compounds, not specially provided for; all potash salts, not specially provided for; sodium compounds, not specially provided for, and chemical elements, compounds, mixtures, and salts, not specially provided for, and not containing alcohol.

The imports in 1937 under the eleven basket classifications were $2,051,000, of which $1,541,000 were entered through New York. The value of the imports analyzed was $881,000, or 57 percent of the imports through the New York district. The duty on all commodities analyzed was 25 percent ad valorem in 1937. Sodium alginate, which is included in the analysis, was reduced from 25 to 20 percent in the trade agreement with the United Kingdom, effective January 1, 1939.

The following tabulation shows separately items valued at more than $1,000 each imported through the New York customs district under paragraph 5:—

	Quantity. Pounds.	Value.	Countries of shipment.*
Acetopep	8,818	$3,084	G.
1-Acetoxy-3-brom-4-pentanon	.....	1,131	S.
Advita	1,900	7,045	UK.
Allantoin	309	2,153	S.
Amidoguanidine sulphate	4,000	9,392	G.
Ammonia bifluoride	12,676	2,154	G.
Ammonia oxalate	11,199	2,098	G.
Appretan	7,000	1,440	G.
Asparagin	200	1,167	G.
Atropine sulphate	265	8,862	S.; G.; UK.
Balm analgesic	.....	1,179	F.
Barium chlorate	54,880	5,368	F.
Bitartrate de lysidine	661	1,440	F.
Boron fluoride	7,617	5,967	G.
Brom-diethyl-acetyl-urea	440	1,594	S.
Calcium ferrocyanide	11,510	2,025	G.
Calcium iodide	.....	1,259	F.
Calcium monoiodobehenate	308	1,984	S.
Carbonyl iron powder	10,410	7,232	G.
Cetyl alcohol	11,299	5,017	G.; N.
Chinese medicines	.....	3,340	HK.; C.
Choleprol	5,902	1,368	N.
Corpus luteum	.....	10,483	S.; UK.; Hu.
Creosote, H & H	4,409	1,938	G.
Creosote, wood	8,377	9,439	G.
7-Dehydrocholesterol	0.2	2,085	G.
Diacetone gulosonic acid	8,598	44,655	S.
Diacetonsorbose	1,102	6,027	Can.
Diallylbarbituric acid	165	2,325	S.
Dibutylamine	19,449	12,510	G.
1-Diethylamino-4-aminopentane	507	4,631	G.
Digitalin	20	2,507	G.
Dihydrotachysterol	.....	1,520	G.
Diiodo-chelidamic acid	2,425	8,844	G.
Diiodotyrosine	33	1,443	S.
Dimethyl isoxasolcarbonic acid	551	4,008	S.
1,3-Dimethyl-2,6-oxy-purine	700	2,808	G.
Dry bitterstuff	331	2,477	G.
Elrasal	85,979	4,415	G.
Emetine hydrochloride	101	15,929	S.; G.
Ephedrine alkaloid	113	5,789	UK.
Ephedrine hydrochloride	385	13,347	UK.; J.; It.; G.

—*Continued on page* 32C

Closing Market Developments

Flax 1939 Acreage Large

According to a government report issued late last Friday, farmers in this country intend to devote 2,023,000 acres to flaxseed cultivation during 1939, these figures being 184.6 percent of the 1938 acreage. Soybean area for 1939 was put at 7,691,000 acres, or 112.1 percent of 1938; peanuts 2,319,000 acres, 106.2 percent of 1938; corn 92,062,000 acres, 98.7 percent of 1938.

Cottonseed Oil Steadier

Refined cottonseed oil futures were irregular on Friday, the opening being easier, after which there was a rally on covering of shorts and trade buying. July closed at 7.03c., and September 7.15c., these prices showing a decline of 20 to 25 points, as compared with the final quotations of the previous Friday and a recovery of about 10 points from the low level of last week. Trading on Friday was more active, but the total sales for the week were only 696 tanks. Southern markets for cottonseed products were quiet.

Menthol Prices Down

For the first time in the history of the merchandising of menthol in this country, holders have split a cent to establish a spot price. Late last week, one quarter quoted $2.97½ per pound—and the fraction attached to that quotation was history making. The range according to seller was to $3 per pound.

Export Copper Easier

Further easiness developed in the foreign copper market, and quotation ranged around the 10.15c. per pound level. Business in the domestic market was sluggish and price held at the 11¼c. per pound level.

Tin Salts Unchanged

Quotations from various tin derivatives remained unchanged later in the week. Despite a further easing in the Straits metal, which declined to 45.90c. per pound, tin crystals, anhydrous stannous chloride and soda stannate remained steady. Anhydrous tetrachloride held at the 23½c. per pound level established earlier in the week.

Paraffin Wax Up

One producer of paraffin wax raised the price of crude scale white 124-126 material 5 points to a price of 2.65c. per pound, making the range 2.60c. to 2.65c.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Calcium Chloride:—Argentina has exempted from import duty calcium chloride for industrial use.

Ethylguaiacol:—The United Kingdom has received an application to exempt ethylguaiacol from key industry duty.

Plastics:—Imports into Belgium of superphosphate of lime, precipitate of phosphate, and certain plastic materials derived from cellulose have been made subject to import permit.

Peanut Oil:—Temporary duty-free admission under bond has been extended, under specific conditions, to peanuts, shelled or in the shell, imported into French West Africa for the manufacture of peanut oil for export within six months.

Salt:—The exemption from duty on salt imported into Iceland is being continued for 1939.

Sponges:—Cuba has established regulations governing the manufacture, sale, and export of sponges.

'Hot Oil' Permanence Approved by Senate

OPD Washington Bureau
March 16, 1939

The senate finance committee today favorably reported a bill (S. 1302) to make the Connally "hot-oil" act permanent by striking out the present expiration date of June 30, 1939.

The committee ignored requests for a hearing on this bill, declaring that preponderant opinion of state conservation officials and the petroleum industry is that the law should be made permanent. A similar measure is pending before the house committee on interstate and foreign commerce, but no action is expected by this committee until the measure has been passed by the senate.

Chemical Price Structure Weaker

Reductions were far more numerous than advances among price changes made last week in the markets for heavy and fine chemicals; few of the items on either side were of special significance; no change was startling.

The volume of business was steadily maintained, but remained within the limits of nearby needs of consumers. Seasonal expansions were checked by unfavorable weather. Few changes were looked for in schedules to be issued for the coming quarter.

Prices were advanced on gum turpentine, medium grades of gum rosin, stearate of lead, domestic tankage here, Batu copal, and imported steamed bone.

Prices were reduced on Straits tin, tetrachloride of tin, quicksilver vermilion, lithol red toner, plaster of paris, vacuum common salt, domestic casein, egg albumen, precipitated stearate of alumina, ester gum, Batavia dammar, Rasak copal, TN and superfine shellacs, bayrum, camphor tablets, cocoa butter, imported tankage and dried blood, domestic tankage at Chicago, and Japanese sardine meal.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 125.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.8, compared with 89.4 at this time last year and 90.0 in 1937.

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McKesson & Robbins Asks Income Tax Refund

Hartford, Conn., Mar. 16, 1939

The first of several applications for Federal income tax refunds on behalf of McKesson & Robbins, Inc., have been filed in this city on the ground that approximately $1,000,000 was paid on fictitious earnings of the company, according to William J. Wardell, trustee of the company, which is in the process of reorganization.

The first application concerns taxes for 1935, on which a refund of approximately $300,000 is sought, Mr. Wardell said, and the total to be applied for on the taxable years 1935 through 1937 approximates $1,000,000. Mr. Wardell added that refunds also would be sought for 1936 and 1937.

General intervention in the reorganization proceedings of McKesson & Robbins, Inc., by a common stockholders protective committee, representing 99,000 shares held by 1,500 persons, of which J. S. Granger is chairman, was authorized by Federal Judge Coxe in New York March 15. The committee represented a consolidation of two other groups upon whose application decision previously was reserved.

N.P.V.L.A. Executives To Meet April 7

The executive committee of the National Paint, Varnish and Lacquer Association will meet April 7 at 10:30 a.m. in the headquarters of the association in Washington, according to Ernest T. Trigg, president of the association. Charles J. Roh, of the Murphy Varnish Company, Newark, N. J., is chairman of the committee.

Trade Ass'n Executives To Meet in Washington

Participation by trade associations in such national problems as industrial mobilization in the event of war and steps toward preventing obstacles to the free flow of commerce which is threatened by the raising of trade barriers by certain States, will be discussed at the Spring meeting of the American Trade Association Executives to be held in Washington, May 1 and 2. The control of industrial statistics by governmental sources also will be considered.

Sharing interest with these program topics will be the presence of Secretary of Commerce Harry L. Hopkins who as chairman of the association's committee of award will present to the winning trade association the bronze medallion bestowed each year in recognition of meritorious service.

Mexican Oil Seizure Petition Accepted

Mexico City, March 17, 1939

American and British oil companies were successful today in having their petition, objecting to the constitutionality of the Mexican oil lands expropriation laws, accepted in the Second District Court of Mexico. However, a long delay before a settlement is reached was anticipated in oil trades circles.

Meanwhile, Donald R. Richberg, representative of American oil companies, who is attempting to settle the controversy by a series of conferences with President Lazaro Cardenas, refused to indicate whether or not a solution is near. He stated that he is planning to return to Washington next week and will not come back here unless it seemed "necessary or desirable."

Mexican authorities, on the other hand, hinted that a possible solution of the year-old expropriation dispute loomed in the near future. They said that the viewpoints of Mexico and the American and British firms whose properties were seized last March 18 were "approximating" each other. The statement was issued after the sixth conference between President Cardenas and Mr. Richberg.

Zinc Output Lower

The output of primary metallic zinc from domestic ores in 1938 was about 436,900 short tons, a decrease of 21 percent from the 551,165 tons produced in 1937, according to the Bureau of Mines. Production of slab zinc from foreign ores in 1938 amounted to about 11,000 tons, nearly double the 5,739 tons reported for 1937. Total primary production from domestic and foreign sources in 1938 was 20 percent less than in 1937.

Medicinal Patents Control Discussed

Broadening of theories and policies with respect to patents on medicinal agents was advocated in the conference on such patents held in Chicago March 16 under the auspices of the American Medical Association. In addition, the views expressed, apparently for medicine and plainly for educational institutions, favored some collective control and utilization of medicinal patents.

Prof. E. S. Johnson, of the University of Chicago sociology faculty, said that the control of medicinal patents should be so ordered as to contribute more to the general welfare and cultural developments. In his view this would best be done by devoting the proceeds from medicinal patents to the furtherance of medical research in universities. He favored a national agency, apparently a public one, for the control and administration of medicinal patents. A method of greater regulation was expected by Dr. Morris Fishbein, representing the A.M.A. trustees, to be the outcome of this and other conferences on the matter.

Certain policies now in effect were discussed by F. Lorne Hutchinson, of the insulin commission of the University of Toronto, and Dr. E. R. Long, of the National Research Council.

Dr. John F. Anderson, of E. R. Squibb & Sons, and president of the American Drug Manufacturers Association, asked consideration for incentives to individuals. He said that much of the income from medicinal patents held by individual manufacturers is used up in the maintenance of their research programs. Dr. A. W. Lescohier, president of Parke, Davis & Co., favored a better method of control of medicinal patents, but advised that this be not so broadly or so closely applied as to deprive a discoverer of his merited reward.

Chemurgic Conference Program Arranged

Subjects for discussion at the fifth annual Chemurgic Conference to be held at Jackson, Miss., March 29 to April 1 will include cotton and cotton by-products; Southern chemical industries; soybeans and their use in industry; wood pulp and paper; sugar and sugar by-products. A portion of the program follows:—

"New Uses for Cottonseed Oil," E. R. Barrow, of the Barrow-Agee Laboratories, Memphis, Tennessee.

"We Need More Oil," Dr. H. P. Stuckey, director of Georgia Experiment Station, Athens, Georgia.

"The Chemical Industry Comes South," Dr. Charles S. Williamson, of Tulane University.

"Sulphur in Its Chemurgic Role," Dr. P. D. Peterson, of the Freeport Sulphur Company, New York.

"Nitrogen's Role in the Chemurgic Program," Howard R. Houston, of American Cyanamid Company, New York.

—*Continued on page 27*

Alcohol Derivation Labeling Opposed

OPD Washington Bureau
March 14, 1939

James P. McGovern, general counsel of the Industrial Alcohol Institute, is calling attention to the potential handicapping of free commerce in ethyl alcohol for medicinal and similar uses that would attend the enactment by Congress of a bill (H. R. 4942) introduced by Representative Karl Stefan of Nebraska. This bill would require "whisky or other distilled spirits (except rum or brandy) for beverage or other nonindustrial use" to be labeled with a statement of "the principal material from which is produced the alcohol contained in such whisky or other distilled spirits."

Mr. McGovern points out that the definition of "nonindustrial use" adopted by the Federal Alcohol Administration, includes ethyl alcohol sold for medicinal purposes. Citing the congressional fight which was necessary to prevent the adoption of a similar definition in the food, drug, and cosmetic act, he says:—

Obviously, all interests concerned with the lawful use of the definite chemical, ethyl alcohol, for every lawful purpose, should unite in vigorously opposing the aforesaid H. R. 4942 and any similar bill which may be introduced in the present Congress.

Drug Law Study Proposed in N.Y.

Albany, Mar. 15, 1939

Under the provisions of a bill (A. I. 2042) introduced in the assembly by Robert F. Wagner, jr., Democrat, New York, an appropriation of $5,000 would be made to a temporary State commission instructed to recommend to the 1940 session of the legislature a comprehensive program for preventing the manufacture and sale of adulterated or misbranded foods, drugs, and cosmetics.

The bill has been referred to the ways and means committee.

Mr. Wagner, in January, introduced a bill (A. I. 307) for the creation in the State department of health a consumers' bureau for registration, advertising control, analysis, scientific research, education, publicity, and regulation of the manufacture of drugs, devices, and cosmetics, with a view of preventing adulteration or misrepresentation.

'Loss Leader' Ban Bill Passes N.Y. Assembly

Albany, Mar. 14, 1939

The Parsons bill, which would outlaw "loss leaders" in merchandising, passed the assembly by a vote of 122 to 22 today and was sent to the senate. The bill provides for a mark-up of at least 6 percent by retailers and 2 percent by wholesalers to cover the cost of doing business.

Characterized as an "unfair sales law," the bill, sponsored by George B. Parsons, of Syracuse, is designed to prevent unfair and deceptive merchandising practices in wholesale and retail trades by prohibiting the advertising or sale of merchandise at less than cost with intent of unfairly diverting trade from or injuring business competitors. It would exempt bonafide clearance sales, perishable merchandise, damaged or discontinued goods, liquidation sales, sales for relief, govern-

—*Continued on page 48*

Georgia Chain Store Tax Increase Bill Defeated

Atlanta, Mar. 14, 1939

A bill seeking an increase in the tax on chain stores has been defeated in the State senate. The measure, which was passed by the lower chamber of the Assembly, proposed a sliding scale of taxation ranging from $10 to $750 a store, depending upon the number of units in the chain located in Georgia. The present chain store tax provides for a maximum levy of $200 on each store in a chain of forty or more figured on a State-wide basis.

Credit Men Studying Taxation Problems

Problems of taxation, both Federal and State, affecting the commercial credit conditions of the country, are the subject of a special tax study by a committee of the National Association of Credit Men, recently appointed by D. I. Bosschart, president of the organization.

The program laid out for this committee includes, not only an analysis of the effects of taxes on credit conditions, but also a presentation of opinions, reflecting the views of thousands of credit executives and other financial executives, regarding pending tax legislation, problems of tax administration, and related matters. To obtain this information a nationwide tax survey has been started.

The chairman of the tax-study committee is John L. Redmond, of the Crompton-Richmond Company, New York. Other members of the committee, credit and financial executives of manufacturing and wholesaling corporations and accounts versed in the effect of taxes upon credit conditions, are Henry J. Bornhoff, of Brown, Bornhoff & Co., Boston; H. E. Kay, of the Industrial Brownhoist Corporation, Bay City, Mich.; Paul A. Pflueger, of Max I. Koshland & Co., San Francisco; Andrew B. Trudgian, of S. D. Leidesdorf & Co., New York; and F. S. Walden, of the Strevell-Paterson Hardware Company, Salt Lake City.

Chemical Society to Hold Symposium on New Drug Law

The Federal food, drug, and cosmetic act of 1938 will be the topic of one of the fifteen symposiums reporting advances in scientific research and in the application of chemistry to industry, medicine, agriculture, food, engineering, and public health, which are scheduled for the ninety-seventh meeting of the American Chemical Society in Baltimore, April 3 to 7.

The symposiums on the drug law will be sponsored by the society's division of agricultural and food chemistry with the cooperation of the divisions of biological chemistry and medicinal chemistry. It will be held at 10:00 a.m., April 4, in room 20 of the Armory. The following papers will be presented:—

"What the New Food Law Means to the Food Manufacturer," by L. V. Burton.

"The Federal Food, Drug, and Cosmetic Act from the Regulatory Officer's Viewpoint," by P. B. Dunbar.

"Application of Federal Food, Drug, and Cosmetic Act to Drug Industry," by Charles Wesley Dunn.

The division of medicinal chemistry will have a symposium of its own, on "Endocrines," and the biological division will have one on "Vitamins."

Cellulose Symposium

Another symposium will deal with "American Cellulose in 1939." Prof. George L. Clark, of the University of Illinois, is chairman of the cellulose division. Some of the most notable achievements in industrial research, it is pointed out, are being made in this field, and marked expansion of the cellulose industries is predicted.

Synthetic rubber will feature a symposium by the rubber division. The application of microchemistry to industry will be the theme of a symposium of the division of microchemistry. Among other topics of symposiums are:—

"The Role of Catalysis in Petroleum Chemistry," by the petroleum division.

"Thermal Insulation," by the industrial and engineering and petroleum divisions.

"History of Medicinal Chemistry in Baltimore," by the historical division.

Paint Developments

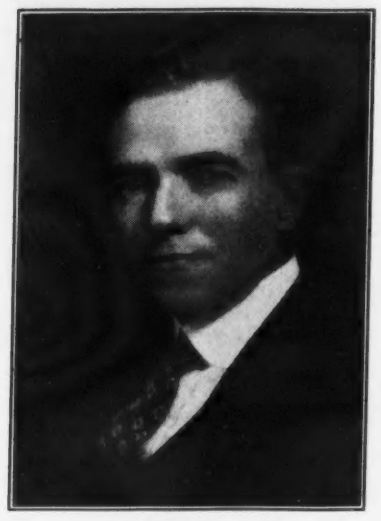
New views in regard to the chemistry of the ultramarines, the iron blues, and the antimony colors will be presented to the division of paint and varnish chemistry. House paint failure caused by moisture is increasing to an alarming extent, especially in certain sections of the country, according to John W. Iliff and R. B. Davis, of E. I. du Pont de Nemours & Co., who will describe a testing method for moisture failure.

The development of important varnishes from shellac by the use of non-esterifying solvents will be described by Paul F. Bruins, of the Polytechnic Institute of Brooklyn. The widening sphere of resins in protective and decorative coatings applied to outside and inside surfaces of buildings will be sur-

—*Continued on page 30*

Chlorine Institute Re-Elects Officers

The Chlorine Institute, at its annual meeting in the Chemists' Club, this city, March 10, re-elected the following officers:—President, S. W. Jacobs, of the Niagara Alkali Company; vice-president, Eben C. Speiden, of the Isco chemical division of Innis, Speiden & Co., and secretary-treasurer, Robert T. Baldwin.



S. W. Jacobs

The following directors were elected for two years:—N. E. Bartlett, of the Pennsylvania Salt Manufacturing Company; Thomas Coyle, of the R & H chemical division of E. I. du Pont de Nemours & Co.; John A. Kienle, of the Mathieson Alkali Works; Louis Neuberg, of the Westvaco Chlorine Products Corporation, and Eli Winkler, of the Columbia Alkali Corporation.

E. C. Speiden

The holdover directors are:—H. M. Hooker, of the Hooker Electrochemical Company; Mr. Jacobs and Mr. Speiden.

Nevada Trademark Bill Voted Down

The State of Nevada senate judiciary committee has reported unfavorably the mandatory trademark bill. It was defeated by a vote of 10 to 7. Interest had been attached to the State of Nevada trademark bill because that State was the first to introduce such legislation two years ago and was followed in the attempt to charge registration fees for national trademark by many other States. Passage of similar bills in other States has thus far been unsuccessful.

N.P.V.L.A. Wholesale Meeting Program Issued

The program for the twenty-fifth annual meeting of the wholesale division of the National Paint, Varnish and Lacquer Association, to be held in the Edgewater Beach hotel, Chicago, March 31 and April 1, calls for discussion of subjects of interest to trade sales manufacturers in the industry whether or not he sells through wholesalers or exclusively to painters and maintenance accounts. A few of the subjects to be discussed include:—

"Streamlined Selling," by William M. Stuart, vice-president of the Martin-Senour Company; "Dramatizing Local Sales Promotion," by F. B. Schafer, of the Manz Corporation; "The Department of Commerce and the Distributor," by Dr. Wilford L. White, chief of Marketing and Research Division of the Department of Commerce; "How the Wage and Hour Law Affects the Distributor," by S. K. Dykstra, special representative for the wage and hour division of the Department of Labor; "The Small Homes Program," by Frank Carnahan, secretary of the National Retail Lumber Dealers' Association; "Opportunities for Paint Sales," by Dr. Lawrence C. Lockley, of the Curtis Publishing Company; "Installment Payment Selling," by Ivor Kenway, of the Devoe & Raynolds Company; "Decorate and Save the Surface," by the Lonore Kent, of National Paint, Varnish & Lacquer Association; "Styling with Paint," by Captain H. Ledyard Towle, of the Pittsburgh Plate Glass Company; "Opportunities for Paint Sales in the Building and Loan Field," by James J. O'Malley, of the First Federal Savings and Loan Association.

Efforts are being extended to secure General Hugh S. Johnson as speaker at the banquet to be held Friday evening.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd....lb. .16 - —
Acetamide, CP, kgs., 1,000-lb. lots, dlvd..lb. .44 - —
tech., kgs., 1,000-lb. lots, dlvd., lb. .39 - —
Acetanilide, tech., bbls.....lb. .22 - —
95% bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¼- —
Methyl (see M)
Acetophenone, bots. .....lb. 1.30 - 1.45
cns., 25 lbs. .....lb. 1.15 - 1.25
dms., 100 lbs. .....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .03½- —
l.c.l., same terms.....lb. .09 - —
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls. .....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls. .....100 lbs. 6.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls .....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls. .....100 lbs. 10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms. ....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls. .....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls. .....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls. .....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11⅛
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -128.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .2½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .14½- .15
Chinawood oil, dms.....lb. .19½- .20
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y..lb. .16¼- .17¼
Acid, cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .21 - —
10,000-lb. lots, one shipt.. lb. .21½- —
smaller lots.....lb. .22 - —
kegs .....lb. .22½- —
anhyd., gran, dms., 10,000 lbs., 1 shipt..lb. .24 - —
smaller lots.....lb. .24½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06¾- .07¼
tanks .....lb. .06¼- —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....gal. .64 - —
other grades, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....gal. .71 - —
imported, pale, dms., l.c.l.gal. .55 - .59
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1330
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .75
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls. .....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.20 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 50%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12¼
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls.....lb. .45 - —
Levulinic, 51b. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1120- .1180
extra white, dist., dms....lb. .11¾- .12¼
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 2.30 - —
tanks, works.....100 lbs. 1.65 - —
Acid, muriatic, C.P., USP, dealers,cbys..lb. .06½- —
6-lb. bots. .....lb. .18½- —
consumers, cbys. .....lb. .08 - —
6-lb. bots. .....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l.....lb. .10 - —
sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .23½- —
consumers, cbys.....lb. .12 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14½
Phenylacetic, bots. .....lb. 1.75 - 2.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys. .....lb. .07½- —
USP, 85%, s. g. 1.710, cbys., 100 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .26 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst, cns.....lb. 1.45 - 1.60
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices.
tech., bbls., works.....lb. No prices.
Soybean oil, dist., dms.....lb. .06 - .06½
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11⅛
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11⅜
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.26.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.- 100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .75 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27¼- —
smaller quantities .....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls. .....lb. .26 - .27
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots. .....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .93 - 1.15
3, bls. .....lb. .68 - .70
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis, lb. .18 - —

Acacia—Alizarin

Albumen, blood, light, dom., flake, dms., f.o.b. Chicago, frt alld..lb. .52 - .60
import, bgs. .....lb. .52 - .60
Egg, ed., dom., cryst., bbls., lb. .68 - .70
dom., pwd., dms., bbls., lb. .73 - .79
import, cs.....lb. .68 - .70
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans .....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
Tankwagons, frt. alld...lb. .08½- —
secondary, dms., c.l., frt. pd., E. of Miss. R...lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denaturing, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
com'l., dms. .....lb. .95 - —
import, 85%, 100-lb. dms...lb. .85 - —
5 to 10 lbs.....lb. .75 - —
comi., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .31,- —
l.c.l., works, dms.....gal. .33 - —
tanks, E., works.....gal. .23 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .28 - —
19 bbls., E. works...gal. .30 - —
gal. .33 - —
1 to 18 bbls., E. works. gal. .33 - —
dms., c.l., E. works....gal. .27 - —
19 dms., E. works...gal. .29 - —
1 to 18 dms., E. works, gal. .32 - —
tanks, E. works.....gal. .21 - —
Anydrous, 2c. per gal.higher.
SD-2B., dms., c.l., works., E. gal. .26 - —
19 dms., works, E...gal. .28 - —
1 to 18 dms., works, E. gal. .31 - —
tanks, E., works.....gal. .20 - —
SD23-G, works, E., dms..gal. .31½- —
19 dms.....gal. .33½- —
1 to 18 dms.....gal. .36½- —
tanks .....gal. .25½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E., works..gal. .28 - —
20 dms., E. works...gal. .30 - —
1 to 19 dms., E. works, gal. .33 - —
tanks, E. works.....gal. .22 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15½
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.54½- —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.50½- —
19 dms.....gal. 4.55½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.47½- —
absolute, dms., c.l.....gal. 4.86 - —
19 dms.....gal. 4.88 - —
1 to 18 dms.....gal. 4.91 - —

Grain alcohol 25c. per gal. higher.

Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .22 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .03½- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07½- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal. .65 - —
55 gal., c.l., same basis.gal. .33½- —
l.c.l., same basis....gal. .38½- —
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis ....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia., lb. .55 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .73
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).

Alkanet Root—Black, Ivory

Alkanet root, bgs.....lb. .11 - .13
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18½- .20
Curacao, cs.....lb. .42 - .43
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs.....lb. 2.67 - 2.82
25-lb. fib. dms.....lb. 2.74 - 2.89
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cubo cut, bbls., lb. .30 - .32
peeled, bls.....lb. .24 - .25
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works.....100 lbs. 3.15 - —
dlvd. N.Y., Phila.....100 lbs. 3.15 - —
lump, bbls., works.....100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - —
dlvd. N. Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila...100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila...100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
f.c.l., dlvd.....lb. .09 - —
32%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls.....lb. .03½- —
bgs., c.l.....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .16 - —
l.c.l., ton.....lb. .17 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works. 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c.l.....lb. .20 - —
l.c.l.....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs...lb. .75 - —
standard, dms., 1,500 lbs..lb. .43 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.). works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05 - —
dms., c.l.....lb. .02 - —
l.c.l.....lb. .02¼- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit. lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit..lb. .03¾- —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Ammonia, bicarbonate, bbls., c.l., works..100 lbs. 5.15 - —
l.c.l. dlvd. N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .25 - —
bxs.....lb. .38 - .39
kgs.....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, dms.....lb. .06 - .17
powd., bbls., dms.....lb. .09 - .25
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs.....lb. .15 - —
Citrate, dms.....lb. .80 - —
ens.....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua).
Hypophosphite, fib., dms.....lb. 1.10 - 1.17
jars.....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars.....lb. 3.45 - —
Laurate, bbls.....lb. .24 - —
Linoleate, 80%, anhyd., bbls. lb. .13 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Naphthanate, bbls.....lb. .18 - —
Nitrate, tech., bgs., c.l., works. 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran.....lb. .32 - —
Perchlorate, kegs.....lb. .16 - .18
Persulphate, kgs.....lb. .21 - .23
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs.....lb. .39 - —
tech., bbls., c.l.....lb. .07¼- —
l.c.l.....lb. .09 - .10
monobasic crude (fert. grade). 11% N 48% phos- bulk, f.o.b. E. works. unit-ton. 1.20 & .70
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l.....lb. .09 - .10
Ricinoleate, bbls.....lb. .16 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb. .09 - —
5 bbls., same basis.....lb. .08½- —
Stearate, anhydrous.....lb. .23 - —
paste.....lb. .08 - —
Sulphate, dom. bulk, c.l. f.o.b. March-June shipt..ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works.....lb. .12 - .13
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 - .75
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l.....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks.....100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .10½- .11½
l.c.l., dlvd.....lb. .11 - .12
tanks, dlvd.....lb. .09½- .10
ens., works.....lb. .15 - .17
ex pentane, dms., c.l., frt., alld..lb. .10½- —
l.c.l., frt., alld.....lb. .11½- —
tanks, frt., alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, ens.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
ens., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .21 - .23
import, natural, bls.....lb. .20 - .22
twisted, bls.....lb. .29 - .30
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l.....lb. .16 - —
tanks.....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16 - .16½
Star, bgs.....lb. .14½- .15
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .07½- .08
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .11¼- —
Needle, powd., ton lots, bulk, lb. .12 - —
bbls.....lb. .13 - —
Oxide, bbls., c.l.....lb. .11 - —
l.c.l.....lb. .11¾- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .11
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .29 - .30
Root, bls.....lb. .37 - .38
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08¾
bbls.....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), ens.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars.....lb. 5.20 - —
Red, import, cs.....lb. .15%- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l.....lb. .03¾- —
Asafetida, cs.....lb. .23 - .24
powd., bbls., bxs.....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y. lb. .03½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 61.00 - —
Jet., bgs., c.l., Western shipping points..ton. 80.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.85 - 2.95
ens.....oz. 2.75 - 2.80

B

Balm of Gilead buds, bgs.....lb. .20 - .21
Barberry bark, bgs.....lb. .17½- .18
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls. works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs.....lb. .27 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. & S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
Zone 2, bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis, ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12½
Fluosilicate, bbls.....lb. .11½- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¾
Iodide, bots.....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks.....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs.....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago.....ton. 31.15 - —
Cleveland.....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston.....ton. 31.70 - —
Philadelphia.....ton. 30.50 - —
ex whse., Baltimore.ton. 32.10 - —
Boston.....ton. 35.20 - —
Chicago.....ton. 30.35 - —
Cleveland.....ton. 33.00 - —
Detroit.....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia.....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto.....ton. 39.50 - —
southern off color, bulk, mines. ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .16 - .18
Belladonna leaves, bls.....lb. .12½- .14
Root, bls.....lb. .12 - .15
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms.....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms.....lb. .89 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns.....lb. 16.75 - —
Sulphate, cns.....lb. 16.75 - —
Berberis root, bls.....lb. .10½- .11
Betanaphthol, sublim., kgs.....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs.....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .17 - .20
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars.....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
ens.....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
ens.....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib., dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.62 - 1.68
fib. dms.....lb. 1.53 - 1.56
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.98
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns.....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns.....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bxs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E...lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bxs., c.l., frt. alld. E..lb. .07¼- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10¼- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .06¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .06½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l, dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
4, cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works...lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .03¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .03¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Black, iron oxide, magnetic, 1, bbls., l.c.l., works...lb. .07¾- .03½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .03¾- —
Ivory, genuine, bbls.....lb. .30 - .35

Black, lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .12 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .19 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04½- —
B, bbls., works or N. Y ...lb. .06½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .20 - .21
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp 66⅔% bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.10 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.35 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.75 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. highrd dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 2.75 - —
Victoria, kgs.....lb. 2.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equald..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis.....lb. .20 - —
5, bbls., same basis.....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .13 - .14
Blue mass, USP., cns.....lb. 1.07 - 1.09
Blue vitriol, 99%, cryst., bbls., c.l. f.o.b. works..100 lbs. 4.50 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.65 - —
6-15 bbls., same basis. 100 lbs. 4.75 - —
1-5 bbls., same basis..... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs.10.00 -10.25
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports.....ton.26.00 - —
import, bgs., c.i.f., ports.ton.26.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.25.00 - —
import, 100-lb. bgs., c.i.f. ports, shipt..ton.23.50 - —
phosphate, precip., see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton. Nom.
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.22.50 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .17 - .18
Borax, tech., 99¼%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00

Borax, tech., 99½%, gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 2.25 - 2.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .60
Bronze powder, moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .60
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., ckz., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02½- —
paper bags, c.l., works ...lb 0210

Brown, sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12½- —
Group 2, bbls., same basis, lb. .11½- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .08½- —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07½- —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis..lb. .06½- —
11, bbls., same basis..lb. .06½- —
12, bbls., same basis..lb. .05½- —
13, bbls., same basis..lb. .05 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .03½- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10½- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07½- —
8, bbls., same basis...lb. .07½- —
9, bbls., same basis...lb. .06½- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¼- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¼- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¼- —

Black, Lamp—Butyl Lactate

Brown, umber, Turkey, bbls., l.c.l., ex whse., Kansas City....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04½- —
Minneapolis .....lb. .04½- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05½- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .31 - .33
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .04 - .04¼
Butanes, comi., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, contract, frt. alld..lb. .08 - —
tankwagons, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Miss. R...lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal, dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms.....lb. .22½- —

NO PICTURE CAN POSSIBLY SHOW THE QUALITY OF WITCO CARBON BLACKS

In our current advertising we are using photomicrographs to show the quality of Witco products — to reveal the fineness, or uniformity, or the special structure of the particles of which they are composed.

But even photomicrographs do not reveal the special qualities of carbon black which are of the greatest benefit in rubber compounding, and in paint and ink formulation. The rubber compounder, for example, measures quality in terms of tensile, modulus, dispersion, resistance to abrasion, stability in rate of cure, etc. The paint formulator measures quality in terms of tinting strength, dispersion, covering power, inertness, or permanency; the inkmaker in terms of dispersion, freedom of flow, oil absorption — each according to the specific properties he wishes to give his finished product.

Our photomicrograph of Witco Carbon Black, then, is conspicuous by its absence. But that does not mean that we cannot give you a true picture of its quality. On the contrary, we can give you an excellent picture — by letting you see the results it gives — in laboratory tests or in actual production in your plant. These results will speak for themselves. Use the coupon below to order your testing samples now. There is a Witco Black for every rubber compounding and paint and ink formulating purpose — and the uniformity of lot after lot of each is assured by the most advanced methods of control over manufacture.

WITCO

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Manufacturers and Importers

New York, 295 Madison Avenue • Boston, 141 Milk Street • Chicago, Tribune Tower • Cleveland, 616 St. Clair Ave., N. E. • Harold Wilson & Witco, Ltd., 6 Portman Mansions, Baker Street, London, W. 1, England • Witco Affiliates: Witco Oil & Gas Company • The Pioneer Asphalt Company Panhandle Carbon Company

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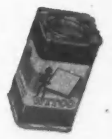

Gentlemen: Please send me samples and further information on Witco Blacks for uses I have checked here:

☐ Witco Carbon Blacks — for rubber compounding
☐ Witco Carbon Blacks — for paints, lacquers, and enamels
☐ Witco Carbon Blacks—for ink formulation

Name.....
Firm.....
Address.....
City.....State.....

O-339

Butyl Propionate—Di-isobutyl

Butyl, propionate, dms., dlvd..lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 - —
single jars .....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots. .....lb. 4.01 - —
25-lb. cns. .....lb. 3.87 - —
Lithopone (see Yellow)
Metal, cs.....lb. .80 - —
Red (see Red).
Selenide (see Yellow).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more. lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs. .....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs. .....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more.lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.80 - 2.10
Hydrobromine, bots. .....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .21 - .22
Calamus root, peeled, N.F., cs. lb. .12 - .15
bleached, bls.....lb. .24 - .25
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06¼- .06¾
Southern cotton states, bgs., lb. .06¼- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls. .....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., cns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. .85 - —
Sulphecarbolate, bbls., 200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .28 - .30
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.44 - —
Camphor, natural, powd., cs...lb. .50 - .51
slabs, cs.....lb. .50 - .51
tablets, tins.....lb. .54 - .55
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots, lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .0385- .0410
Morocco, bgs.....lb. .04½- .05
Turkish, bgs.....lb. .0400- .0440
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .93
powd., bxs.....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .07¾- .08¼
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l. same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls. .....lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l..gal. .66½- —
l.c.l. .....gal. .73 - —
5-10 gal., dms., c.l.....gal. .90 - —
l.c.l. .....gal. 1.00 - —
Carbon tetrachloride, Zone 2, 52½ gal. dms., c.l..gal. .73 - —
l.c.l. .....gal. .80 - —
5-10 gal. dms., c.l.....gal. .97 - —
l.c.l. .....gal. 1.07 - —
Zone, 3, 52½ gal. dms., c.l., gal. .80 - —
l.c.l. .....gal. .86 - —
5-10 gal. dms., c.l.....gal. 1.03 - —
l.c.l. .....gal. 1.13 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5-10 gal. dms., c.l.....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
tanks .....lb. .04¾- —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs. .....lb. .80 - .82
green, bgs.....lb. .55 - .57
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .10½- .11
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .07½- .08
5 tons, works.....lb. .09 - —
smaller lots, works.....lb. .10½- —
80-100 mesh, bgs., c.l., dlvd., lb. .08 - .08½
5 tons, works.....lb. .09½- —
smaller lots, works.....lb. .10½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty paid.lb. .08¾- .09
80-100 mesh, bgs., c.l., duty paid..lb. .09¼- .09½
French, 30 mesh, bgs., c.l., duty paid..lb. .09¼ Nom.
Cassia, Batavia, 1, bgs.....lb. .16½- .17
shortstick, bls. .....lb. .13¼- .13⅝
broken, bls. .....lb. .12½- .13
China, rolls, select, bls.....lb. .14 - .14½
broken, extra, bls.....lb. .11½- .12
Saigon, bls. .....lb. .17¼- .17⅝
Cassia, buds, cs.....lb. .14⅝- .15¼
Cassia fistula, bskts.....lb. .08½- .09½
Castile soap, white, bars, cs., 40 lbs.11.75 -13.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
Import, bgs., c.i.f., ports, shipment..ton.20.00 - —
Catnep leaves, Southern, bls...lb. .18 - .20
western, bls. .....lb. .20 - .21
Celery seed, French, bgs.....lb. .15¼- .15⅝
Indian, bgs.....lb. .12⅝- .13¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .36 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .59 - —
1-99 lbs., works.....lb. .60 - —
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .20 - .26
Roman, bls.....lb. .28 - .32
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock. ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.03
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, various cps., bgs., c.l...works..lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works....lb. .40 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y...lb. .06½- —
l.c.l., dlvd., N.Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 1.90 - —
2, works, frt. equald.100 lbs. 2.15 - —
1, works, frt. equald.100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .35 - —
5-lb. cyclo., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8%, cs., bbls.....lb. .06 - .08
Chrome, cake, bulk, c.l., works, ton.14.00 -15.00
Chrome green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .52 - .53
20 in., thick, cs.....lb. .60 - .61
20 in., medium, cs.....lb. .58 - .59
USP, broken quill, red, bgs., lb. .25 - .26
yellow, bgs.....lb. .24 - .25
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .15½- .16
3 bls.....lb. .15 - .15½
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.65
Clove, Madagascar, bls.....lb. .15½- .16
Zanzibar, bls.....lb. .18 - .18½
Clover tops, bgs.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. .76 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms.....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .14 - .15
Cocoa butter, lump, bgs., c.l..lb. .11 - .11¼
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06½- .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs.....oz.21.00 - —
Colchicum seed, bgs.....lb. .24 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .22 - .23
Colombo root, bls.....lb. .07 - .08
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½- .23
S.A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls...lb. .14½- .15½
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .11¼- —
Nitrate, cryst., bbls.....lb. .1660- .1740
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .16¾- .17¾
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
bbls., l.c.l., 25 cr over, works..100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0185 Nom.
Coriander seed, Morocco, bgs..lb. .04½- .05
bleached, bgs.....lb. .07¾- .08
yolk, bbls.....lb. .60 - .63
Corn sugar, chipped, bgs., c.l., dlvd, 100 lbs. 2.99 - —
slabs, bbls., c.l.....100 lbs. 2.91 - —
solid, bbls., c. l.....100 lbs. 3.03 - —
Syrup, 42°, bbls., c.l.....100 lbs. 3.02 - —
43°, bbls., c.l.....100 lbs. 3.07 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.26 - —
gran., powd., dms., 50 lbs. or more..lb. 1.11 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls....lb. .20 - .22
so-called, bls. .....lb. .06 - .07
Cranesbill root, bls.....lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs. .....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .15 - .18½
Cresol, USP, dms., c.l., works..lb. .10 - —
l.c.l., same basis.....lb. .10½- —
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs. .....lb. .30 - .31
Culver's root, bls.....lb. .14 - .16
Cumin seed, Algerian, bgs.....lb. .06½- .06¾
Morocco, bgs. .....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 27%NH_3, pulv., bgs., dlvd., contrs., NH_3 unit-ton. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls...lb. .13 - .14
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .07 - .08
English, bbls. .....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls. .....lb. .10 - .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.35
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.75 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.55 - —
Potato, import, bgs.....lb. .07 - .07¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17- —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
Import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .52 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd. .....lb. .19½- —
tanks, dlvd. .....lb. .18 - —
cns., works .....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms. .....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .37 - .38
Diglycol laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .13 - —
Stearate, bbls., c.l.....lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —

Dillseed, recleaned, bgs.....lb. .08½- .09
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd. .....lb. .19 - —
tanks, dlvd. .....lb. .17½- —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Dimethylaniliin, dms., c.l.....lb. .23 - —
l.c.l., dms. .....lb. .24 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms. .....lb. .15½- —
oily, dms. .....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls. .....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .39 - —
150-450 lbs., dlvd.....lb. .47 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .10 - .11
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb.12.50- —
1180 Sodium indigo disulphonate, cns..lb.12.50- —
Green:—
Fastgreen FCF, cns.....lb.27.50- —
666 Guinea green B., cns. lb.12.50- —
670 Light green SF, yellowish, cns..lb.17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb.17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau 3X, cns.....lb. 5.75- —
Orange:—
150 Orange I, cns.....lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 8.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .50 - .55
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
78 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin.....lb. .40 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Blue:—
729 Victoria blue.....lb. 2.35 - —
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .35 - —
21 Chrysoidin R.....lb. .35 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet .....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
240 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .35 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .37 - —
900 New blue R.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .55 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .60 - —
231 Bismarck brown G..lb. .53 - —
332 Bismarck brown R..lb. .37 - —
798 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.85 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .55 - —
924 Methylene green B..lb. 1.85 - —
1078 Alizarin cyanin green. lb. 2.25 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange I.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R.....lb. .42 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
253 Brilliant crocein 3r..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
656 Fast light yellow...lb. 1.25 - —
695 Xylene light yellow.lb. 1.15 - —
840 Tartrazin .....lb. .80 - —
159 Auramine .....lb. 1.37 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .17 - .18
Egg albumen (see Albumen).
yolk, bbls.....lb. .60 - .63
Elder flowers, bright, bls.....lb. .19 - .21
Elecampane root, bls.....lb. .09½- .10
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls. .....lb. .24 - .25
Emetine hydrochloride, bots..oz.13.50 -14.00
Ephedra, bls. .....lb. .09 - .10
Ephedrine, tins, 1,000 ozs....oz. 2.15 - —
tins, 100 ozs.....oz. 2.25 - —
Hydrochloride, tins, 1,000 ozs., oz. 1.50 - —
tins, 100 ozs. .....oz. 1.60 - —
Sulphate, cryst., 1,000 ozs....oz. 1.50 - —
tins, 100 ozs. .....oz. 1.60 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cns., dms.....lb. 1.35 - 1.40
Eserine, bots. .....oz.42.00 - —
Salicylate, bots. .....oz.33.00 -34.00
Sulphate, bots. .....oz.30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., dlvd.....lb. .24½- —
l.c.l., dlvd. .....lb. .25 - —
cns. .....lb. .28 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. .....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1550, dms.....lb. .39 - .40
washed, dms. .....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. alld.....lb. .066 - —
tanks, frt. alld.....lb. .051 - —
95-98%, dms., c.l., frt. alld..lb. .0685- —
l.c.l., frt. alld.....lb. .0735- —
tanks, frt. alld.....lb. .0585- —
Acetate, N. F., VI, 99%, dms., 400 lbs..lb. .08 - —
cns., 35 lbs.....lb .12 - .13
USP, VIII, 90%, dms., 460 lbs., lb. .07 - —
cns., 35 lbs.....lb. .12 - —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Ethyl, chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .33 - —
5 and 10 gal. dms., dlvd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 5.25 - —
5 lb. lots.....lb. 5.30 - —
1 lb. lots, cns.....lb. 5.40 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .42 - —
contracts, frt. alld.....lb. .47 - —
100 lbs., frt. alld.....lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .0550
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0650
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms. .....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidinaniliin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .07 - .08
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07¾- .08½
Indian, bgs. .....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs. .....lb. .12 - .13
Fenugreek seed, bgs.....lb. .03¾- .04½
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .10 - —
smaller lots, works..lb. .11 - —
light, cs., 1,000 lbs. or over, works..lb. .11 - —
smaller lots, works..lb. .12 - —
water white, cs., 1,000 lbs., or over, works..lb. .12 - —
smaller lots, works..lb. .13 - —
Fir balsam, Canada ,cns....gal.10.50 -11.00
Oregon, bbls.....gal. 1.05 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.52.00 -55.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt..ton.48.00 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Flaxseed, French, black, bgs...lb. .11¾- .12
Indian, blonde, bgs.....lb. .07 - .07½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, short ton.31.50 Nom.
Washed gravel, 85-5, f.o.b. Ky. mines..ton.19.00 Nom.
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 Nom.
imported, 85% not over 5% duty paid..long ton.23.50 Nom.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l. works.....lb. .06¼- —
dms., c.l., works.....lb. .05¾- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04¼- —
Fringetree bark, bls.....lb. .10 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock..ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .12½- .14
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .22 - —
Gambier, common, cases.....lb. .06¾ Nom.
plantation, cases.....lb. .08 - .08½
Cubes, Singapore, cases....lb. .08½- .08¾
Extract, bbls. .....lb. .06½- .09½
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½- —
65 octane and above, tanks, gal. .06 - .06¼
California, 54-58, tanks...gal. .06½- .08
Gulf Coast, U.S. Motor, bulk, gal. .04¾- .04⅞
60-62, 380 e.p., bulk, export, gal. .04¾- .04⅝
60-62, 400 e.p., bulk, export, gal. .04¾- —
64-66, 375 e.p., bulk, export gal. .04⅝- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
63-66 octane, tanks....gal. .04¼- .04½
67-69 octane, tanks....gal. .04¼- .04½
70-72 octane, tanks....gal. .04⅝- .05½

Dillseed—Green, Chrome

Gasoline at refinery:—
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .03⅝- .04¼
third grade, tanks..gal. .03⅝- .04¼
63-66 octane, tanks....gal. .03⅞- .04½
67-69 octane, tanks....gal. .04¼- .04⅝
70-72 octane, tanks....gal. .04¼- .05
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03⅜- —
18-lb. v.p., tanks.....gal. .02⅞- .02¾
22-lb. v.p., tanks.....gal. .02⅝- —
26-70 lb., v.p., tanks..gal. .02⅜- —
Pennsylvania, US motor, below 60 octane tanks.. gal. .04¼- .04⅜
65 octane, tanks.....gal. .06¼- —
52-56 450 e.p., naphtha, tanks..gal. .04⅜- .05
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07½- .08
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.50
Ginger root, African, bgs.....lb. .05¼- .06
Cochin, lemon, bgs.....lb. .06½- .07
Jamaica, bold, bgs.....lb. .15 - .15½
grinding, bright, bgs...lb. .09 - .09½
medium, bgs.....lb. .09¼- .10
Japanese, bgs. .....lb. .06½- .07
Ginseng fibers, cs. .....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 6.00 - 7.00
wild, Southern, cs.....lb.10.00 -14.00
Glauber's salt, anhyd. (See Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works... 100 lbs. 1.15 - 1.35
import., bgs. .....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11¼- —
l.c.l., dlvd.....lb. .12 - —
36/58, bgs., c.l., dlvd....lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
58/82, bgs., c.l., dlvd....lb. .12¼- —
l.c.l., dlvd.....lb. .13 - —
82/106, bgs., c.l., dlvd...lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251,bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283,bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12½- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11½- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd..lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks .....lb. .08¾- —
for refiners, dms., returnable, tanks, dlvd..lb. .08½- .09¾
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07½- .07¾
Glycol boriborate, dms.....lb. .23 - —
Phthalate, dms.....lb. .39 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
U.S.P. IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs....lb. .12 - .12½
Goldenseal root, bls.....lb. 2.75 - 2.80
powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .40 - .45
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., amorph., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.....lb. .02½- —
65% graphitic, carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04½- .05
White, trcs.....lb. .05½- .05¾
Yellow, trcs.....lb. .04¾- .05
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-15%, bbls., same basis.lb. .07¼- —
14-18%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-25%, bbls. same basis lb. .08¼- —

Green, Chrome—Gypsum

Green, chrome, reduced, c.p., color content 24-25%, bbls., same basis..lb. .08½- —
24-27%, bbls., same basis.lb. .09- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¾- —
36-40%, bbls., same basis.lb. .14½- —
41-45%, bbls., same basis.lb. .16½ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¾- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome oxide, dom., pure, bbls. lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Chrome, tetrahydroxide, bbls.lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .75 - .80
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djms.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.00 - 1.05
Gum, aius (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09 - .09¼
white sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white powd., bbls.....lb. .12½- .14

Gum, asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .17 - .18
Camphor (see C).
Chicle, prime, 13% moisture, bgs., ton lots..lb. .38 - .39
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yucca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ¼c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14¼- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .08¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —

Gum, copal, Congo, 14, selected, fully scraped, ivory bgs., c.l., same basis..lb. .15¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .14½- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08½- —
21, ordinary selected nubs, c.l., same basis..lb. .06½- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis.lb. .05 - —
unscraped, bgs., c.l., same basis..lb. .04¼- —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —

Gum, copal, East India, unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis..lb. .11¾- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust., bgs., c.l., same basis..lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .09½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .05¾- —
dust, bgs.,c.l.,same basis.lb. .03¾- —
nubs, bgs., c.l., same basis, lb. .09¾- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis, lb. .10½- —
B, bskts.,c.l.,same basis.lb. .09¾- —
C, bskts., c.l., same basis, lb. .09 - —
CNE, bskts., c.l., same basis..lb. .06 - —
D, bskts., c.l., same basis, lb. .08¾- —
DK, bskts., c.l., same basis, lb. .05¾- —
dust, bskts.,c.l., same basis, lb. .06¼- —
Sambas and white split chips, bskts, c.l., same basis..lb. .14 - —
Singapore, dust., bskts., c.l., same basis..lb. .05½- —
spirit-soluble, CBB, bskts., basis..lb. .06¼- —
DBB, bskts., c.l., same basis..lb. .07¾- —
MA, bskts., c.l., same basis, lb. .05½- —
MB, bskts., c.l., same basis, lb. .05¾- —
WS, bskts., c.l., same basis, lb. .07¾- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¼- —
chips, pale, bskts., c.l., same basis..lb. .06½- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .13½- —
split, bgs., c.l., same basis, lb. .12¾- —
chips, bgs., c.l., same basis, lb. .07½- —
nubs, bgs., c.l., same basis, lb. .10½- —
Dammar, Batavia, A, cs., c.l., same basis as copal.lb. .20 - —
A/D, cs., c.l., same basis.lb. .14 - —
A/E, cs., c.l., same basis.lb. .11¾- —
B, cs., c.l., same basis..lb. .18½- —
C, cs., c.l., same basis....lb. .14¾- —
D, cs., c.l., same basis...lb. .12¾- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .13¾- —
2, cs., c.l., same basis....lb. .10¾- —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .09¼- —
dust., cs., c.l., same basis, lb. .05¾- —
seeds, cs., c.l., same basis, lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .06½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contra. or single shipt., 10,000 lbs., lb. .06 - .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio,Mich.,Ind.,Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contra. or straight c.l. .....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contra. or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs. .....lb. .22 - .23
Galbanum, cs. .....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .55 - .60
powd., bbls.....lb. .60 - .65
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Gualac (see Gualac resin).
Karaya, bbls., bxs., dms....lb. .14 - .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12¼- —
pale, XXX, cs., same basis, lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 Nom.
Mastic, cs., c.l., same basis as copal..lb. .85 - .86
Myrrh, USP, cs.....lb. .39 - .40
Olibanum, siftings, bls.....lb. .07½- .16
tears, cs. .....lb. .18 - .34
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .15 - .19
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs. .....lb. .09¼- .09½
Talha, bgs. .....lb. .07½- .08
Thus, bbls. .....280 lbs.14.50 -14.75
Tragacanth, Alleppo, 1 cs....lb. 2.25 - 2.35
2, cs. .....lb. 1.90 - 1.95
3, cs. .....lb. 1.60 - 1.65
flake, bgs. .....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —

362 ALBALITH

DESIGNED TO INCREASE HIDING POWER ON DRYING—ECONOMICALLY

These new, high consistency lithopones are especially suited to flat formulations, because of their particular ability to develop more hiding in the dry film. They offer interesting possibilities from the economy standpoint, also.

Being of the non-reactive type, the paint body they produce is not due to any chemical reaction with the vehicles, but rather to their high oil taking properties.

Albalith 362 is the all-purpose pigment possessing many desirable properties for both flat and gloss paints. Albalith 361 produces flatter flats.

Send for samples and formulating information.

THE NEW JERSEY ZINC CO.
160 Front St. New York

361 ALBALITH

Gypsum, plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .11½- .12
Helonias root bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .18 - .20
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03½- —
tanks, works.....lb. .02½- —
Hempseed, Manchur, bgs.....lb. .05¼- .05½
Henbane leaves, bls.....lb. .14½- .15
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C...lb. .32 - —
150 to 1,350 lbs. shipments, same basis..lb. .35 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
100 to 400 lbs., shipments, same basis..lb. .39 - —
Homatropine hydrobromide, bots., 50 ozs..oz.12.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.75 - —
Hops, N. F., bls.....lb. .15 - .20
Horehound, bls.....lb. .08½- .09
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofluramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. etns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls.....lb. .12 - —

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.62 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.82.00 -84.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .09 - .10
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .17 - .21
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms.....100 lbs. 4.65 - 5.25
150-lb. dms .....100 lbs. 5.00 - 5.60
cryst., bbls., works, frt. alld. or equid..lb. .05 - .06
kegs, works, frt. alld. or equid..lb. .07½- .08
liquor, cbys., works, frt. alld. or equid..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equid..lb. .06¼- .07
djns .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
hats .....lb. .53 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .82 - .85

Iron, oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, U.S.P., cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. 30 - —
fib., dms.....lb. .33½- —
kgs.....lb. .35½- —
Iron-potash oxalate, bbls.....lb. .43 - —
kgs.....lb. .44 - —
jars.....lb. .49 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .32½- —
kgs.....lb. .35½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .42 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropylacetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .096 - —
W. of Rockies, frt. alld..lb. .10 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .061 - —
W. of Rockies, frt. alld. lb. .06½- —
l.c.l., E. of Rockies, frt. alld..lb. .066 - —
W. of Rockies, frt. alld. lb. .07 - —
tanks, E. of Rockies, frt. alld. lb. .051 - —
W. of Rockies, frt. alld..lb. .05½- —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld.. gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
W. of Miss., frt. alld.. gal. .39 - —
l.c.l., E. of Miss., frt. alld..gal. .40 - —
W. of Miss., frt. alld.. gal. .44 - —
tanks, E. of Miss., frt alld.. gal. .25 - —
W. of Miss., frt. alld.. gal. .29 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04½- .05

K

Kamala, tins .....lb. .21 - .22
Kaolin (see China clay).
Kava kava root, bls.....lb. .12½- .13
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03¾- .04¼
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w. bulk..gal. .04 - .04¾
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04¼
42-44 w.w., tanks.....gal. .04½- .04¾
Pennsylvania, 45 w.w., tanks. gal. .04¾- .04¾
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04¾- .05½
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .40 - .41
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.00 - 7.25
Middlewestern, trcs.....100 lbs. 7.10 - 7.20
Neutral, trcs. .....100 lbs. 8.00 - 8.25
Western, choice, trcs..100 lbs. 7.10 - 7.20
Compound, trcs.....100 lbs. 9.25 - 9.50
Larkspur seed, bgs.....lb. .27 - .28
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .03¼- .04
Lavender flowers, ordinary, bls.lb. .25 - .27
select, bls.....lb. .34 - .35
extra select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11¼- —
Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls, c.l., dlvd. E..lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd., E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47

Lead, red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .076 - —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, etc.....lb. .08¼- —
Ariz., etc.....lb. .09 - —
Ohio., etc.....lb. .08¾- —
other points.....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc. lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0810- —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 10%, bbls...lb. .09½- —
pale, bbls. .....lb. .11¼- —
precip., bbls. .....lb. .16½- —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white, basic sulphate)
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Cst., ex whse.....lb. .10¼- —
smaller lots, E. frt. alld. lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07½- —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¾- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers..lb. .12¼- —
dealers .....lb. .10¼- —
painters .....lb. .11¼- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .15 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.50 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b., Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —

Lime, hydrated, paper bgs., f.o.b., Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonberg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer. gal. .16 - —
Zone 2, tanks, dealers, whs., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, whs., gal. .08 - —
dms., whs, except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers.....gal. .06½- —
30-50 dms.....gal. .11 - .15

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 2.20
Linalyl acetate, cns., 25 lbs...lb. 1.85 - 2.25
Linden flowers, with leaves, bls.lb. .26 - .27
without leaves, bls.....lb. .17 - .18
Linseed, cake, bgs., export...ton.28.00 -28.50
Meal, 34%, dms., bgs.....ton.39.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0660- —
dlvd., other points....lb. .0635- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07¼- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.95 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .05½- —
smaller lots, same basis.lb. .06½- —
bbls., 20 tons, same basis, lb. .05½- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .06½- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06½- —
Liverwort leaves, bls.....lb. .20 - .21
Lobelia herb, bls.....lb. .11 - .12
Seed, bgs.....lb. .34 - .35
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .35 - .36
import, bls.....lb. .38 - .40
Lupulin, N. E., tins.....lb. 1.50 - 1.55
Lycopodium, cs.....lb. .93 - .95

M

Mace, Banda, cs.....lb. .49 - .50
Batavia, cs.....lb. .32½- .33
Siauw, cs.....lb. .43 - .43½
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs, c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —

Magnesia—Methylamyl Ket.

Magnesia, carbonate, USP, Zone 1,, bbls., c.l..lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10¼
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bags.....ton.56.00 -60.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Magnesium, trisilicate, cs., 500-lb. lots..lb. .58- —
100-lb. lots .....lb. .65 - —
cns. .....lb. .75 - .90
Malva flowers, black, bls.....lb. .35 - .45
blue, bls.....lb. .35 - .45
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .17 - .18
Mandrake root, bls.....lb. .09 - .10
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton49.25 - —
l.c.l., 5 tons, works..ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —
84-87% bgs., 28-40 tons, wks. ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
300-600 lbs., wks....ton.72.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Manganese, ore., 50-52% basis, bbls., c.l., Alt. ports, unit-ton..30.00 -32.00 Nom.
Resinate, fused, 8⅓%, bbls..lb. .08½- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 85%, $MnSo_4$, bgs., c.l., dlvd, South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l c.l., 5 tons, works...lb. .08½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bxs., shipt...ton.28.25 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs. .....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb 1.05 - 1.10
commercial, cryst., bbl., ton lots, works..lb. .46 - —
smaller lots, works.....lb. .57 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .18 - .19
Tunisan, bls.....lb. .16¼- .16⅝
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs....lb. 2.97½- 3.00
synthetic, tech., cs.....lb. 2.25 - —
USP, cs.....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .82 - —
25 lbs. .....lb. .84 - —
50%, pails, 50 lbs.....lb. 1.18 - —
25 lbs. .....lb. 1.20 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.83 - 1.87
fib., dms., 100 lbs.....lb. 1.70 - —
jars, 25 lbs. .....lb. 1.72 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 3.76 - 3.80
cns., 25 lbs.....lb. 3.60 - 3.65
fib., dms., 100 lbs.....lb. 3.60 - 3.65
yellow, bots., 5 lbs.....lb. 3.86 - 3.90
cns., 25 lbs.....lb. 3.75 - —
fib., dms., 100 lbs.....lb. 3.75 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl...lb. 1.41 - —
USP, fib. dms., 50 lbs. or more..lb. 1.93 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.24 - —
fib., dms., 25 lbs.....lb. 1.12 - 1.15
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in...pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -16.75
3⅜x3⅜ in.....pkg.16.15 -17.80
4x4 in.....pkg.19.50 -20.00
3⅜x5⅛ in.....pkg.22.50 -23.00
3⅜x5⅛ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.88
Metanitroparatoluidin, bbls....lb. 1.40 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs. ...lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .40 - —
97%, tanks .....gal. .32 - —
95%, tanks .....gal. .31 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.
synth., pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .07¼- —
W. of Miss. R.....lb. .08¼- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .07¾- —
W. of Miss. R.....lb. .08¾- —
tanks, dlvd., E. of Miss. R. lb. .06¼- —
W. of Miss. R.....lb. .07¼- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks....gal. .25 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.
synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies. gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.80
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformily 10c. per pound higher than above prices.
Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis. lb. .28 - —

DOW

ACETYL SALICYLIC ACID, U.S.P.

Spiraea Ulmaria, more correctly known today as Filipendula Ulmaria, from which the Swiss apothecary Pagenstecher derived salicyl aldehyde, one of the first steps that led to aspirin.

Presenting a Sprig of Spiraea

THERE IS NO BRAND of aspirin tablets bearing the Dow name. Dow is concerned solely with the production of acetyl salicylic acid, the base ingredient.

History discloses that aspirin, the invaluable analgesic, is the outcome of the investigations of an obscure Swiss apothecary who derived salicyl aldehyde from the little flowering plant, spiraea ulmaria. Following this achievement, the German chemist, Professor H. Kolbe, developed a method of making salicylic acid synthetically.

Today, Dow ranks as a foremost producer of this widely used pharmaceutical chemical. Under the most modern conditions Dow produces acetyl salicylic acid, U.S.P., to such degrees of purity and uniformity that the Dow product is given outstanding preference by the leading manufacturers of pharmaceutical products in this country.

Visit exhibits of The Dow Chemical Co. and its Great Western Electro-Chemical Co. Division at the Golden Gate International Exposition.

TRADE DOW MARK REG. U. S. PAT. OFF.

THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN

Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, St. Louis; Field Building, Chicago; 9 Main Street, San Francisco; 4151 Bandini Blvd., Los Angeles.

Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.16.00 - —
250 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works, ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¼- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04½- —
l.c.l., ex-whse., or frt. all., E..lb. .04½- —
rubber, bgs., c.l., frt. alld. E., lb. .04 - —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16½- —
l.c.l. .....lb. .17½- —
Millet seed, yellow, bgs.....lb. .0350- .0375
early fortune, bgs.....lb. .0250- .0300
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .04½- —
f.o.b., New Orleans.....gal. .03½- —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l. .....lb. .65 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylanfilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs. .....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs. .....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .78 - .80
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb. .....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb. .....lb. 1.25 - —
Musk root, bls.....lb. .11 - .14
Mustard seed, Bombay, brown, bgs..lb. .03¾- .04¼
California, brown, bgs.....lb. .06¼- .06¾
Chinese, yellow, bgs.....lb. .05¾- .06½
Danish, yellow, bgs.....lb. .06¼- .06½
Dutch, yellow, bgs.....lb. .09 - .09½
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .08 - .08½
Roumanian, yellow, bgs...lb. .05¾- .06
Myrobalans, J1, bgs., shipt..ton.24.00 - —
J2, bgs., shipt.....ton.17.00 - —
R2, bgs., shipt.....ton.17.25 - —
Extract, liquid, 25%, bbls....lb. .03¾- —
solid, 60% bbls.....lb. .04¼- —
powdered, 70% bbls.....lb. .05 - —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works.. 100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - 2.85
import, bgs., Atl. port.100 lbs. 1.55 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
Chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .25 - .35
Salt, bbls.....lb. .15 - .15¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobensene, dbl. dist., dms., c.l..lb. .06 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogeneous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd.....unit-ton. 2.00 - —
f.o.b. Chemical, Ill., unit-ton. No prices
East Coast producing points..unit-ton. 2.45 Nom.
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.45 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Alleppo, bgs., cs....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- —
110s, bgs., cs.....lb. .16½- .16¾
West Indian, bgs.....lb. .10 - .10½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾ —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.30
s.p.a., bots.....lb. 2.40 - 2.45
sweet, true, exp., cns.....lb. .60 - .62
Amber, crude, cns.... .....lb. .20 - .21
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.40.00 -45.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .67 - .70
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06½ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.20 - 1.25
55-60% phenols, cns.....lb. 1.30 - 1.35
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.65 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .15 - .18
rectified, cns.....lb. .60 - .65
Bois de rose, Brazil, cns.....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .42 - .45
USP IX, cns.....lb. .48 - .50
Calamus, cns.....lb. 5.50 - 6.00
Camphor, sassafrassy, cns...lb. .30 Nom.
dms. .....lb. .27 Nom.
white, cns.....lb. .30 Nom.
dms. .....lb. .27 Nom.
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns.....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 1.85 - 2.05
Caraway, USP, cns.....lb. 1.80 - 1.85
Cardamom, bots.....lb.18.25 -25.50
Cassia, USP, cns., dms.....lb. .93 - .95
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
medicinal, bbls., c.l.....lb. .08¾- .09¾
l.c.l. .....lb. .09½- .10¾
cns. (1-gal.), l.c.l.....lb. .12½- .13½
dms. (returnable), c.l....lb. .08½- .09¼
l.c.l. .....lb. .09¼- .10¼
(5-gal.), l.c.l.....lb. .10½- .11½
tanks .....lb. .08 - .09
No. 3, bbls., c.l.....lb. .08¼- .09¼
l.c.l. .....lb. .09 - .10
dms. (returnable), c.l....lb. .08 - .09
l.c.l. .....lb. .08¾- .09¾
tanks .....lb. .07½- .08¼
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (42% fat), dms., c.l..lb. .06¼ Nom.
l.c.l. .....lb. .07¼ Nom.
75% (63% fat), dms., c.l..lb. .08¾ Nom.
l.c.l. .....lb. .09¾ Nom.
80% (68% fat), dms., c.l..lb. .10¾ Nom.
l.c.l. .....lb. .11¾ Nom.
Cedarleaf, cs.....lb. .60 - .62
dms. .....lb. .55 - .57
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18½- .23
Celery, bots.....lb. 7.50 - 8.75
Chaulmoogra, USP, cns., 500 lbs., lb. .72½- —
25 lbs. .....lb. .75 - —
Oil, chinawood, dms.....lb. .15 - .15¼
tanks .....lb. .1440- .1460
Cinnamon, Ceylon, bots.....lb. 8.50 -25.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .34 - .35
dms. .....lb. .32 - .33
Java, cns., dms.....lb. .27 - .28
Clove, makers, USP, cns.....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .06¼- —
Pac. Cst.....lb. .02¾- .06
edible, 76°, tax incl., dms., (returnable), c.l..lb. .08¼- —
l.c.l. .....lb. .08¾- —
tanks .....lb. .07¾- —
Cod, Newfoundland, shipt., untanked..gal. .30 Nom.
Norwegian, shipt., bbls...gal. .26 - .30
Codliver, med., USP, bbls..bbl.23.00 -24.00
Coriander, bots.....lb.13.50 -20.00
Corn, crude, tanks, works...lb. .06 - —
refd., bbls. .....lb. .08¾- .09
Cottonseed, dom., cooking bbls..lb. .08½- —
salad, bbls. .....lb. .08¾- —
import, Brazilian, semi-refd., bulk..lb. .0370 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.75 - 3.80
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .34 - .35
dms. .....lb. .32 - .33
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .75 - .85
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. .95 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .95 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test.....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - —
24-28, 15 and above.....bbl. .85 - .90
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .05¾- —
2, bulk, same basis.....gal. .03¾- —
4, bulk, same basis.....gal. .03¾- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¼- .03¾
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03¾- .03¼
36-38 .....gal. .03¾- .03¾
38-40, straw.....gal. .03¾- .03¾
38-40 zero, 60 c.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk.....gal. .02¾- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 2.70 - 3.50
Bourbon, cns.....lb. 2.35 - 2.85
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.00
Grapeseed, dms.....lb. .40 - .60
Ginger, dist., bots.....lb. 4.90 - 5.00
Guaiac wood, concrete, bots.lb. 2.50 - 2.65
Haariem, import., bots....gross 3.15 - 3.25
Halibut-liver, dms. 1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. .60 - .65
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns. .....lb. .41 - .44
Lard, common, 1, bbls.....lb. .09 - —
2, bbls. .....lb. .08¾- —
extra, bbls.....lb. .09½- —
1, bbls. .....lb. .09¼- —
Winter, strained, extra, bbls., lb. .09¾- —
prime burning, bbls.....lb. .10¼- —
prime, ined., bbls.....lb. .10 - —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 1.95 - 2.05
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
38-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 2.75 - 3.75
Lemongrass, native, cns., dms., lb. .31½- .32
Lime, dist., Mexican, cns....lb. 2.50 - 2.60
West Indian, cns.....lb. 3.10 - 3.15
expressed, cns.....lb. 6.50 - 6.75
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0920- .0940
l.c.l., 5 or more.....lb. .0960- .0980
less than 5.....lb. .1000- .1020
tanks .....lb. .0860- .0880
double boiled, bbls., less than lb. .1020- .1040
raw, bbls., c.l.....lb. .0880- .0900
l.c.l., 5 or more.....lb. .0920- .0940
less than 5.....lb. .0960- .0980
tanks .....lb. .0820- .0840
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U. S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks..gal. .17½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks..gal. .19 - —
150-160 E. color 6½, 15-25 pour, tanks..gal. .18½- —
190-200 D, color 4½, 15-25 pour, tanks..gal. .23 - —
200-210 E. 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis. 3 color, tanks..gal. .18 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks.....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —

Methylene Blue—Oil, Spearmint

Oil, lubricating, at refinery, Oklahoma, neutrals, 280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-15 pour, tanks..gal. .15 - —
cylinder, 600 fire, tanks, gal. .08 - —
600 flash, tanks.....gal. .10 - —
630 flash, tanks.....gal. .13 - —
635 fire, tanks.....gal. .09 - —
650 fire, tanks.....gal. .09½- —
Warren, E, amber, tanks, gal. .11 - —
neutral, 150 vis., 3 color, tanks..gal. .13 - —
180 vis., 3 color, tanks.gal. .14 - —
200 vis., 2 color, tanks.gal. .15 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .20½- —
unfiltered, 600 s.r....bbls., f.a.s..gal. .15½- —
600 flash, s.r., bbls., c.l., gal. .17 - —
630 flash, bbls., c.l., f.a.s., gal. .20½- —
unfiltered, Warren, E, bbls., c.l., f.a.s...gal. .20 - —
smaller lots, f.o.b..gal. .21 - —
Mace, dist., cns., dms.....lb. 1.12 - 1.15
Mandarin, superior, coppers..lb. 5.75 - 6.00
Menhaden, crude, tanks, f.o.b. Balto..gal. .30½ Nom.
refd., alkali, dms.....lb. .0720- —
tanks .....lb. .0660- —
refd., blown, dms.....lb. .0720- —
kettle-boiled, dms.....lb. .0820- —
light, pressed, dms.....lb. .0660- —
tanks .....lb. .0600- —
Mineral, artif. (see Oil, white mineral).
Mustard, artif., USP, cns...lb. 1.60 - 1.65
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls. .....gal. .65½- .70
Neatsfoot, 20° cold test, bbls., lb. .14¾- —
extra, bbls.....lb. .09¼- —
1, bbls.....lb. .09 - —
pure, bbls.....lb. .11¼- —
prime, bbls.....lb. .09½- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots. .....lb.85.00 - 140.00
Nutmeg, USP, cns., dms....lb. 1.12 - 1.15
Oiticica, dms.....lb. .09¼- .10¼
Oleo, 1, bbls.....lb. .08½- —
2, bbls.....lb. .08 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....lb. .86 - .88
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .07 - .07½
sulphonated, 50% (43% fat), dms., c.l...lb. .11½ Nom.
l.c.l. .....lb. .12½ Nom.
75% (63% fat), dms., c.l..lb. .13½ Nom.
l.c.l. .....lb. .14½ Nom.
80% (68% fat), dms., c.l..lb. .14½ Nom.
l.c.l. .....lb. .15½ Nom.
Orange sweet, dist., cs.....lb. .50 - —
expressed, African, cns., dms..lb. .80 - .85
Calif., cns.....lb. .75 - —
Messina, USP, coppers.lb. 2.25 - 2.35
West India, cns.....lb. 1.75 - 1.85
Origanum, cns.....lb. .90 - 1.00
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, csks.....lb. .03¾- .03¾
shipment .....lb. .0320- —
softs, 12½%, bulk, shipt....lb. .0290 Nom.
20%, bulk, shipt.....lb. .0280 Nom.
Sumatra, shipt., bulk.....lb. .02¾ Nom.
Palmarosa, cns.....lb. 2.00 - 2.25
Palmkernel, bulk, shipt.....lb. .0345 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.50 - 6.00
Peanut, crude, dom., tanks, lb. .06¾ Nom.
refd., edible, bbls.....lb. .09 - .09¼
Pennyroyal, dom., cns.....lb. 2.10 - 2.15
import, cns.....lb. 1.75 - 1.90
Peppermint, natural, cns., dms. lb. 2.30 - 2.55
redist., USP, cns., dms....lb. 2.55 - 2.80
Perilla, dms.....lb. .09¾- .09¾
tanks .....lb. .0910- .0920
Petitgrain, Paraguay, cns....lb. .30 - .35
Pimento berry, cns.....lb. 3.35 - 3.65
leaf, cns.....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports....gal. .50 - .52
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns....lb. .95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .38 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls. .....gal. .80 - .82
Red, dist. or saponif., bbls., dlvd..lb. .07½- .08¼
dms., dlvd.....lb. .07¼- .08¼
tanks, dlvd.....lb. .06½- .07½
white, dms.....lb. .10¾- .11¼
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 3.75 - 3.95
Sage, cns.....lb. 1.50 - 1.55
Sandalwood, E.I., USP, cns...lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst., gal. .31 Nom.
refd., alkali, dms.....lb. .0720- —
tanks .....lb. .0660- —
kettle-boiled, dms.....lb. .0820- —
light, pressed, dms.....lb. .0660- —
tanks .....lb. .0600- —
Sassafras, artif., cns.....lb. .36 - .37
dms. .....lb. .34 - .35
natural, cns., dms.....lb. .90 - 1.00
Savin, cns.....lb. 1.60 - 1.65
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., import, dms..lb. .09 - .09¼
Shingle stain, bbls., c.l., wks., gal. .19 - —
l.c.l., works .....gal. .21 - —
tanks, works .....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .0610- .0650
tanks .....lb. .0550- —
refd., dms.....lb. .0730- .0770
tanks .....lb. .0670- —
Spearmint, USP, cns.....lb. 1.70 - 1.75

Oil, Sperm—Potash Acetate

Oil, sperm, bleach, 38°, dms....lb. .0900- .0920
46°, dms....lb. .0830- .0850
natural, dms....lb. .0780- .0800
Spruce, cns., dms....lb. .60 - .65
Sweet, birch, North, cns....lb. 2.25 - 2.65
South, cns....lb. 1.55 - 1.60
Tall, crude, dms., c.l., works, ton.45.00 - —
l.c.l., works....ton.50.00 -65.00
tanks, works....ton.35.00 - —
refined, dms., c.l., works...lb. .05½- —
l.c.l., works....lb. .06 - —
tanks, works....lb. .05 - —
Tallow, acidless, bbls....lb. .08¾- —
tanks....lb. .08¼- —
Tansy, cns....lb. 7.25 Nom.
Tar, coml. dms., c.l., divd., E. cities..gal. .25 - .26
E. ports....gal. .25 - —
l.c.l....gal. .26 - —
tanks, divd. E. cities...gal. .20 - —
rectfd., USP, bbls, divd., E. ports..gal. .55 - —
Tar acid (see T).
Teaseed, crude, dms....lb. .08¾- 09
refined, dms....lb. .10½- .11
Tea Tree (see Oil, tl tree).
Thyme, NF, red, dms....lb. .85 - 1.25
white, dms....lb. .85 - 1.45
Tung (see Oil, chinawood).
Tl tree, cns....lb. 2.40 - 2.90
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns....gal. 4.25 - 5.00
Valerian, bots....lb. 8.00 - 8.25
Vetiver, bots....lb. 8.50 -15.00
Walnut, crude, dms....lb. .13 - .13½
refd., dms....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0770- .0790
winter, bleach, dms....lb. .0810- .0830
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms....gal.17.50 -25.00
White, mineral, dms., tech.,
50-60 vis., dms....gal. .40 - —
65-75 vis., dms....gal. .42 - —
80-90 vis., dms....gal. .43 - —
USP, 80-90 vis., dms....gal. .46 - —
95-105 vis., dms....gal. .53 - —
125-135 vis., dms....gal. .60½- —
140-150 vis., dms....gal. .64 - —
175-185 vis., dms....gal. .68½- —
200-210 vis., dms....gal. .70½- —
320-330 vis., dms....gal. .76 - —
335-345 vis., dms....gal. .77 - —
Russian, 80-90 vis., dms., gal. .46 - —
145-155 vis., dms....gal. .64½- —
175-185 vis., dms....gal. .68½- —
335-345 vis., dms....gal. .77 - —
Wintergreen, natural, North, cns...lb. 4.00 - 4.00
South, cns....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns....lb. 2.25 - 2.30
Wormwood, cns....lb. 3.35 - 3.40
Ylang-ylang, Bourb., bots., cns., lb. 2.50 - 3.00
Manila, bots....lb.18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 5.00
Lumps, same basis....ton. 7.00 - —
Spalls, same basis....ton. 5.00 - —
ground, 200 mesh, c.l., mines, ton.15.00 - —
20 mesh to dust....ton.10.00 - —
Opium, USP, cns....lb.11.50 -12.50
gran., cns....lb.12.50 -13.50
powd., cns....lb.12.50 -13.50
Orange, Lake, Persian, bbls..lb. .30 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10½- —
Ariz., Ihado, Nev., Utah and E. of Cascade Mts. in Ore. and Wash....lb. .11 - —
Colo., Mont., N.M., Wyo. lb. .10¾- —
Other points....lb. .10¼- —
smaller lots, divd., Ala., etc..lb. .11 - —
Ariz., etc....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points....lb. .10¾- —
French, Tours, casks, ex dock, lb. .13½- —
kgs., ex dock....lb. .14½- —
Molybdate, bbls....lb. .31 - —
Toner, bbls....lb. .80 - —
Orangeflower petals, cs....lb. .31 - .33
Orange peel, bitter, bls....lb. .08 - .09
sweet, bls....lb. .12 - .13
Orris root, Florentine, bgs....lb. .10 - .11
fingers, cs....lb. .85 - .90
powd., bbls., bxs....lb. .12 - .13
Verona, bls....lb. .09 - .10
powd., bxs., cs....lb. .12 - .13
Orthoanisidin, bbls....lb. .70 - —
Orthochloroaniliin, dms....lb. .60 - .75
Orthochlorophenol, dms....lb. .82 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniliin, dms....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms....lb. .08 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls....lb. .08 - —
51°, bbls....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs....lb. 3.65 - 4.00

P

Papain, powd., cs....lb. 1.10 - 1.15
Paprika, Hungarian, extra fancy, bgs..lb. .34 - .34½
medium, bgs....lb. .33½- .34
Portuguese, extra fancy, bgs., lb. .34 - .35
fancy, bgs....lb. .33 - .34
Spanish, extra fancy, cs....lb. .45 Nom.
Parachlorophenol, dms....lb. .45 - —
Paracymene, refd., dms....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l....lb. .12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .0245- .0250
bbls., c.l., N. Y....lb. .0260- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .0245- .0250
bbls., c.l., N. Y....lb. .0260-.0265
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .0260- —
Paraffin, fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03¾- —
loose, c.l....lb. .0355- —
125-127 A.m.p., bgs., c.l..lb. .0390- —
loose, c.l....lb. .0370- —
128-130 A.m.p., bgs., or loose, c.l..lb. .04 - —
131-133 A.m.p., bgs., or loose, c.l..lb. .0435- —
133-135 A.m.p., bgs., or loose, c.l..lb. .0465- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs., or loose, c.l..lb. .08½- —
refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02¾
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., divd..lb. .16 - —
5 and 10 gal. dms., divd., lb. .17 - —
USP, cs. cbys....lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs....lb. .35 - —
Paranitrotoluene, kgs....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls....lb. .56 - —
Pareira brava root, bls....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls....lb. .07 - .08
Patchouli leaves, bls....lb. .18 - .20
Pellitory root, bls....lb. .13 - .14
Pennyroyal herb, bls....lb. .07 - .08
leaves, bls....lb. .13 - .14
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.3....gal. .16 - —
tanks, G.3....gal. .06¼- —
Laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3....gal. .25 - —
Pepper, black, Alleppy, bgs....lb. .08 - .08½
Lampong, bgs....lb. .04½- .04½
Tellicherry, bgs....lb. .08½- .08¾
Red, chillies, Japan, 1, bgs..lb. .21 - .22
Mombassa, bgs....lb. .23½- .23¾
White, Java, Muntok, bgs....lb. .07½- .08
Saigon, bgs....lb. .07¼- .07½
Peppermint leaves, dom., bls..lb. .23 - .24
import, bls....lb. .45 - .46
Peru, balsam, dms....lb. .66 - .68
Petrolatum, amber, dms., c.l..lb. .02¾- —
l.c.l....lb. .03¼- —
amber, extra, dms....lb. .02¾- —
l.c.l....lb. .04 - —
veterinary, dms., c.l....lb. .02½- —
white, cream, dms., c.l....lb. .04¼- —
l.c.l....lb. .05¾- —
lily, dms., c.l....lb. .05¼- —
l.c.l....lb. .06¾- —
snow, dms., c.l....lb. .06¼- —
l.c.l....lb. .07¾- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights....bbl. .74 - .95
Athens....bbl. .84 - 1.00
Belridge....bbl. .70 - 1.32
Buena Vista Hills....bbl. .70 - 1.33
Canal-Gresely....bbl. .91 - 1.03
Coalinga....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez....bbl. .79 - 1.00
East Coyote....bbl. .76 - .96
Elk Hills....bbl. .70 - 1.33
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
El Segundo....bbl. .80 - 1.21
Huntington Beach....bbl. .78 - 1.32
Inglewood....bbl. .79 - 1.27
Kern Front....bbl. .70 - —
Kern River....bbl. .70 - —
Kettleman Hills....bbl. 1.19 - 1.43
La Habra....bbl. .76 - .96
Lakeview....bbl. .70 - 1.38
Lost Hills....bbl. .70 - 1.18
McKittrick....bbl. .70 - —
Midway-Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello....bbl. .77 - 1.43
Mt. Poso....bbl. .70 - —
Mountain View....bbl. .70 - 1.20
Newhall....bbl. .70 - —
Orcutt....bbl. .70 - .98
Olinda Brea....bbl. .76 - 1.27
Playa del Rey, f.o.b. pipe-line....bbl. .80 - 1.16
Richfield....bbl. .76 - 1.09
Rosecrans....bbl. .84 - 1.06
Round Mt....bbl. .70 - —
Santa Fe Springs....bbl. .78 - 1.43
Santa Maria....bbl. .63 - .70
Santa Paula....bbl. .70 - 1.01
Seal Beach....bbl. .79 - 1.19
Signal Hill....bbl. .80 - 1.21
Torrence....bbl. .80 - 1.05
Wheeler Ridge....bbl. .70 - .83
Whittier....bbl. .76 - .96
Wilmington....bbl. .75 - 1.21
Canada:—
Oil Springs....bbl. 1.97 - —
Petrolia....bbl. 1.90 - —
Central West:—
Illinois....bbl. 1.05 - —
Lima....bbl. .90 - —
Western Michigan....bbl. .78 - —
Princeton....bbl. 1.05 - —
East Texas....bbl. 1.10 - —
Gulf Coast:—
Barber's Hill....bbl. .79 - 1.16
Batson....bbl. .74 - 1.04
Dayton....bbl. .95 - 1.41
Emperson....bbl. .79 - 1.16
Goose Creek....bbl. .79 - 1.26
Hull....bbl. .74 - 1.04
Humble....bbl. .74 - 1.04
Liberty....bbl. .79 - 1.16
Markham....bbl. .90 - 1.29
Orange....bbl. .79 - 1.16
Pettus....bbl. 1.29 - —
Pierce Junction....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. .79 - 1.38
Saratoga....bbl. .74 - 1.04
Sour Lake....bbl. .74 - 1.04
Spindle Top....bbl. .74 - 1.04
Sugarland....bbl. .79 - 1.28
West Columbia....bbl. .79 - 1.28
Kentucky, Tennessee:—
Big Sandy river....bbl. 1.12 - —
Kentucky river....bbl. 1.20 - —
Western Kentucky (Owensboro)..bbl. 1.10 - —
Louisiana, Arkansas:—
Bull Bayou....bbl. .73 - 1.05
Caddo....bbl. .98 - 1.00
Cameron Meadows....bbl. .74 - 1.13
Choctaw....bbl. .74 - 1.30
Cotton Valley....bbl. .73 - 1.05
Darrow....bbl. .74 - 1.30
De Soto....bbl. .73 - 1.05
El Dorado....bbl. .73 - 1.05
Haynesville....bbl. .73 - 1.05
Homer....bbl. .73 - 1.05
Petroleum, crude, bulk, at wells, Louisiana-Arkansas:— —
Iowa....bbl. .74 - 1.13
Lockport....bbl. .74 - 1.13
Miller County....bbl. .73 - 1.05
Pine Island....bbl. .73 - 1.05
Rainbow....bbl. .73 - 1.05
Rodessa....bbl. .73 - 1.05
Smackover....bbl. .73 - —
Tepetate....bbl. 1.03 - —
Urania....bbl. .80 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco....bbl. No prices
Tuxpan....bbl. No prices
Midcontinent:—
North Texas....bbl. .51 - 1.10
Oklahoma-Kansas....bbl. .58 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany....bbl. 2.00 - —
Corning....bbl. 1.02 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.55 - —
Eureka lines....bbl. 1.59 - —
N. Y. Transit lines, bbls. 2.00 - —
S. W. Penn. lines..bbl. 1.65 - —
lower district in National Transit lines..bbl. 1.88 - 1.93
Rocky Mountain:—
Big Muddy....bbl. .98 - —
Canon City-Florence...bbl. .90 - —
Cat Creek....bbl. 1.10 - —
Dutton Creek....bbl. .86 - 1.10
Elk Basin....bbl. .90 - —
Fort Collins-Wellington, bbl. .81 - 1.05
Frannie, light....bbl. .45 - .52
Grass Creek, light....bbl. .90 - —
Iles....bbl. .92 - .96
Lance Creek....bbl. .77 - —
Lander....bbl. .51¼- —
Midway....bbl. .96 - 1.10
Rock Creek....bbl. 1.00 - —
Salt Creek....bbl. .96 - 1.10
Sunburst....bbl. 1.20 - —
Torchlight....bbl. 1.80 - —
South, Central and Southwestern Texas:—
Cass County....bbl. .73 - 1.05
Cleveland-Liberty....bbl. 1.14 - —
Conroe....bbl. 1.27 - —
Darst Creek....bbl. .96 - —
Hardin-Liberty....bbl. 1.00 - 1.03
Luling....bbl. .87 - —
Lytton Springs....bbl. .99 - —
Mirando (incl. Duval)....bbl. .74 - 1.33
Panola County....bbl. .73 - 1.05
Salt Flat....bbl. .96 - —
Tomball....bbl. .95 - 1.41
Van....bbl. .93 - —
West Beaumont....bbl. .79 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County....bbl. .72 - 1.06
West Texas:—
Artesia, N. M....bbl. .61 - .85
Crane....bbl. .53 - .95
Crockett....bbl. .53 - .95
Ector....bbl. .53 - .95
Eddy (N. M.)....bbl. .77 - —
Howard....bbl. .53 - .95
Jackson, N. M....bbl. .61 - .85
Lea, N. M....bbl. .53 - .95
Maljamar, N. M....bbl. .61 - .85
Mitchell....bbl. .63 - .95
Pecos....bbl. .65 - .87
Upton....bbl. .53 - .95
Winkler....bbl. .53 - .95
Ether, 30-60° dms., c.l., G. 3. gal. .14 - —
l.c.l., G.3....gal. .25 - —
tanks, G.3....gal. .13 - —
85-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3....gal. .25 - —
tanks, G.3....gal. .13 - —
laboratory grade, dms., c.l., G. 3..gal. .14 - —
c.l., G.3....gal. .25 - —
10-gal. lots, G.3....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .09 - —
Group 3, tanks....gal. .07¾- .07¾
Naphtha, cleaners', at refinery:—
East Coast, tanks....gal. .10 - —
Group 3, tanks....gal. .06¾- .06¾
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .184 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee. inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax....gal. .10 - —
New York, ex tax....gal. .10 - —
Omaha, ex tax....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans..gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway....gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
high-solvency, 8, tanks, f.o.b. Bayway..gal. .18 - —
8, tanks, f.o.b. Paulsboro, N. J..gal. .14 - —
30, same basis....gal. .16 - —
40, same basis....gal. .14½- —
v.m.&p., at refinery:—
California, 46.5, 254 l.b.p., 350 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal .11½- —
Willbridge,Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p. tanks, divd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks....gal. .09 - —
Group 3, tanks....gal. .06¾- .06¾
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½- —
Decatur, inc. 4c. tax..gal. .186 - —
Des Moines, inc. 4c. tax.gal. .184 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax.gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax....gal. .11 - —
New York, ex tax....gal. .10 - —
Omaha, ex tax....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .15.2- —
Petroleum, solvent, rubber, at refinery, East Coast, tanks. gal. .09 - —
Group 3 light, 120 l.b.p., 250 e.p., tanks..gal. .06¾- .06¾
standard, 180 l.b.p., 288 e.p., tanks..gal. .06¾- .06¾
Stoddard (CS 3-38), at refinery:—
East Coast, tanks....gal. .08½- —
Group 3, tanks....gal. .05¾- .06⅛
tankwagon, Boston, ex tax.. gal. .12½- .13⅛
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .181 - —
Des Moines, inc. 4c. tax.gal. .179 - —
Evansville, Ind.,ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax..gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax....gal. .09 - —
New Orleans, ex tax...gal. .11 - —
New York, ex tax....gal. .09 - —
Omaha....gal. .131 - .14
Philadelphia, ex tax...gal. .10¼- .12½
St. Louis, inc. 1c. tax..gal. .129 - —
Tulsa, ex tax....gal. .10 - .11
Thinners, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore....gal. .16 - —
Richmond....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .06½- —
47-49, tanks....gal. .09¼- .10
New Jersey, tanks....gal. .08¼- —
Group 3, tanks....gal. .05¾- .05¾
tankwagon, tax included:—
Albany....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13½
25-99 gals....gal. .13½- .15½
Boston....gal. .13 - —
Bound Brook, North Amboy, N. J..gal. .11¼- .13½
Bridgeport, Conn....gal. .11 - —
Buffalo....gal. .15 - —
Camden, N. J....gal. .10 - .12
Chicago....gal. .162 - —
Decatur, Ill....gal. .176 - —
Des Moines....gal. .174 - —
Evansville, Ind....gal. .137 - .147
Milwaukee....gal. .188 - —
Minneapolis-St. Paul...gal. .19 - —
Newark....gal. .09 - —
New York (200 gals.)..gal. .09 - —
Omaha....gal. .131 - .141
Philadelphia....gal. .10 - .12
Pittsburgh....gal. .11½- .13½
Providence....gal. .11½- —
Rochester....gal. .12 - —
St. Louis....gal. .142 - —
Syracuse....gal. .12½- —
Trenton....gal. .10 - —
Wilmington, Del....gal. .10 - .12
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs lb. 4.00 - —
cns., 25 lbs....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis....lb. .15½- .16½
under 1,000 lbs....lb. .16½- .17½
tanks, works....lb. .13½- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
Phenolphthalein yellow, fib., dms., 2,000-lb. lots..lb. .80 - —
100-lb. fib., dms....lb. .82 - —
25-lb. dms....lb. .87 - —
50-lb. kgs....lb. .84 - —
Phenyl chloride, dms....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 3.50
Dimethylacetate, cns.....lb.14.50 -15.00
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 70% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines, long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs....lb. .40 - .44
yellow, dms....lb. .18 - .20
cases....lb. .23 - .28
Oxychloride, cyls....lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks....lb. .13 - .14
Sesquisulphide, cs....lb. .38 - .43
Trichloride, cyls....lb. .15 - .16
Phthalamide, bbls., tons....lb. .35 - —
single bbls....lb. .40 - —
kgs....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis....lb. .15½- —
Pichi leaves, bgs....lb. .35 Nom.
Pilocarpine hydrochloride, bots., vis..oz. 2.40 - 2.50
Nitrate, bots., vis....oz. 2.00 - 3.00
Pimento, bgs....lb. .15 - .15½
Pinkroot, bls....lb. .33 - .34
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l....ton.22.00 - —
hardwood, 1-time, dms., c.l., divd. Akron..ton.23.75 -24.00
linseed, dms....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls....bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, southern, bls...lb. .14 - .16
western, bls....lb. .10½- .11
Podophyllin, dms., divd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls....lb. .07 - .07½
Pomegranate bark, bgs....lb. .16 - .17
Root bark, bgs....lb. .25 - .26
Poppy flowers, red, bls....lb. 1.50 - 1.55
Seed, Dutch, bgs....lb. .08¾- .09¼
Polish, bgs....lb. .08¾- .09
Potash abietate....lb. .09 - —
Acetate, tech., bbls., divd..lb. .26 - —
kgs., divd....lb. .28 - —
USP, bbls., 250 lbs....lb. .28 - —
kgs., 100 lbs....lb. .30 - —
cns., 25 lbs....lb. .33 - —

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Prepared Monthly by U. S. Industrial Chemicals, Inc.

USI ALCOHOL NEWS USI

March ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1939

Adds Double Acting Wetting Agents for Near Perfect Shave

CHICAGO, Ill.—By incorporating wetting agents having both "hydrophilic" and "oleophilic" properties, brushless shaving creams equal to or better than lather creams in their beard softening properties can be produced, an inventor here claims.

In his patent, he explains that the use of ½ to 5% or more of this class of compounds imparts both water wetting and oil wetting properties to the entire cream. As a result, it will penetrate the greasy layer of the skin yet wash off easily with water.

Modified Fatty Acid-Amides

Among compounds which he asserts have this double-barreled effect are sulphonated oleyl amide, sodium salt of the sulphuric acid ester of the condensation product of oleic acid and monoethanolamine, and others represented by the general formula:

$$R—CO—NX_n(YM)_w$$

in which R is an aliphatic hydrocarbon radical containing more than 8 hydrocarbon atoms, X is either zero or one, Y is a lower hydrocarbon radical, M is an oxygenated sulphur-containing inorganic acid radical, and W is a small whole number.

Reveal Process For High Purity Insulin Crystals

TORONTO, Canada—Complete details of the University of Toronto's process for the manufacture of insulin crystals in combination with one or more of the metals, zinc, cadmium, cobalt and nickel, are disclosed in a new U. S. patent.

The metal-containing crystals are substantially free from foreign proteins that might have untoward effects in sensitive patients, David Scott, the patentee asserts.

For the preparation of zinc crystals, ordinary (non-crystalline) insulin is made into a water solution, zinc chloride in acetone added, and the pH adjusted and buffered at between 5.8 and 6.5, according to the patent. At refrigerator temperatures, insulin crystals containing approximately 0.52% zinc form within two days, Scott declares.

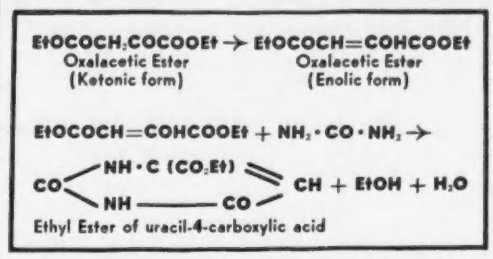
[Acetone is a product of U.S.I.]

Says Pectin Dressings Don't Stick to Wounds

BELOIT, Wisc.—Pectin dressings for treating old infected burns, pressure sores, infected soft tissue wounds and similar open and freely draining lesions, have the advantage of not sticking to the wound, thus eliminating pain or harmful effects, an article published here reveals.

Dressings are made on the wound, the article continues, by saturating the gauze with a 2% aqueous solution of flaked pectin sterilized in an autoclave. An oiled silk covering is removed every 4 to 8 hours to allow remoistening.

Wounds treated with pectin are described as fresh, clean and apparently non-purulent and develop firm, level, flat tissues while scar formation is smothered.


EtOCOCH₂COCOOEt → EtOCOCH=COHCOOEt
Oxalacetic Ester (Ketonic form)
Oxalacetic Ester (Enolic form)
EtOCOCH=COHCOOEt + NH₂·CO·NH₂ →
CO NH·C(CO₂Et) NH CO CH + EtOH + H₂O
Ethyl Ester of uracil-4-carboxylic acid

OXALACETIC ESTER, easily prepared from Sodium Ethyl Oxalacetate by adding HCl, condenses with urea, both amino groups taking part in the reaction. The product, uracil-4-carboxylic acid, melts at 347°C, and is extremely stable to sulphuric and nitric acids.

Smothers Alcohol Flames With New "Safe" Chemical

WASHINGTON, D. C.—The discovery of a new fire-fighting chemical, more effective against fires of alcohol or alcoholic materials than others previously used, was announced here recently.

Sprayed into a tank containing a burning alcohol, a water solution of the chemical forms a dense, "indestructible" blanket of foam containing tiny air bubbles which immediately puts out the flames, it is claimed. Unlike previous foam-producing chemicals, it is said to do its work without the evolution of "obnoxious or dangerous gases."

The chemical is lauryl pyridinium sulphate. Its use as well as that of other high molecular quaternary ammonium, phosphonium and sulphonium compounds is covered by U. S. patent.

Link Between Deafness And Lack of Vitamin A?

LONDON, England—A possible link between deafness and the lack of vitamin A is suggested by an experimenter here who notes that many dogs and rabbits with a diet deficient in this vitamin are deaf. The impairment of the hearing mechanism was brought about by degenerative changes in the cochlear nerve and also the vestbular division of the 8th nerve, it is reported in the *Journal of Physiology*.

USE OF ALCOHOL HAIR TONIC does not dry the scalp since the accompanying vigorous massage stimulates production of natural oils, reports the A.M.A. Journal. (See article at right.)

Reactions of Sodium Ethyl Oxalacetate Point to New Uses

Suggested Lines of Endeavor For U.S.I. Product Are Listed

Forecasts of several years ago that an unusual alcohol-derived chemical manufactured by U.S.I. would come into substantial use as chemists investigated its characteristics and working properties, are being fulfilled.

The chemical, Sodium Ethyl Oxalacetate, which has its principal use in the production of Tartrazine and other Pyrazolon dyestuffs has entered into a number of new fields. A measure of its greater employment is its price which currently is approximately 30% less than five years ago.

However, many chemists believe that the full possibilities of Sodium Ethyl Oxalacetate are yet to be explored. A citation of some typical reactions listed in the U.S.I. catalog, *Solvents and Chemicals*, shows a few suggested lines of endeavour:

(1) Manufacture of Tartrazine dyes.

(2) This ester adds on to ammonia and to many primary and secondary amines. The resultant products soon go over into the amines of oxalocitric acid lactone ester.

(3) If aldehydes are present when certain amines are condensed with oxalacetic ester, keto-pyrollidon carboxyllic acids are formed.

(4) In the presence of pyridine, ethyl oxalacetate and ethyl cyanacetate form triethyl cyanaconitate.

(5) With hydrochloric acid, oxalacetic ester is converted into derivatives of alpha pyrone.

(6) Oxalacetic ester is unstable, and on heating to 150° C. for four hours oxalocitric acid lactone is formed. Dilute potassium carbonate precipitates the stable potassium salt of oxalacetic ester.

(*Continued on next page*)

Alcohol Hair Tonics Plus Massage Okayed In Journal of A.M.A.

CHICAGO, Ill.—When alcoholic preparations are used on the scalp, vigorous brushing or massage should stimulate the production of enough natural oil to offset any drying tendency they may have, according to the *Journal of the American Medical Assn.*

This statement appears in answer to a physician's query on accepted modes of treatment for falling hair.

Pilocarpine in 50% Alcohol

Among the preparations suggested by the *Journal* for arresting acute loss of hair is a solution of cresol in alcohol. A milder form of treatment which has been the "favorite" of dermatologists for many years is a one per cent solution of pilocarpine in 50% alcohol or bay rum, according to the *Journal*.

"This is said to have a specific stimulating effect on the growth of hair, possibly related to its action on the vegetative nervous system."

Other formulations given by the *Journal* are the following: chloral hydrate, from 3 to 10 per cent in 50% alcohol or bay rum; or mercury bichloride 0.3, resorcinol monoactetate 6, spirit of formic acid 20, in bay rum or perfumed alcohol to make 120.

ADVERTISEMENT—*This entire page is a paid advertisement.*

March ★ # ALCOHOL NEWS ★ 1939

Maintains pH at 7 To Up Thrombin Yield In New Extraction Process

LONDON, England—Practical application of the discovery that yields of thrombin increase when the pH of the extraction medium remains at or near 7 is suggested in a new patent specification made public here.

The new process depends upon offsetting the decline in pH, which ordinarily results from the degradation of albuminous materials, by the addition of small amounts of alkali, according to the patent.

Crude thrombin, the inventor explains, may be obtained by extracting 50 grams dried fibrin with 250 cc. of 10% sodium chloride solution, adding an equal volume of acetone and centrifuging. By "absorbing" this product in 250 cc. of N/100 caustic soda, the pH may be maintained at 7.47, he asserts.

Following successive operations of precipitation, centrifuging and washing with acetone and ether, 23 grams of a purified product are obtained, he states. This thrombin has a coagulation factor of 1 mg. = 3 minutes, 45 seconds, he points out.

[Acetone is a product of U.S.I.]

New Markets For Sodium Ethyl Oxalacetate Seen

(*Continued from previous page*)

(7) Oxalacetic acid is reduced by yeast to malic acid (Chem. Abs. 25. 4898).
(8) In the presence of pyridine or diethyl amine, 2 molecules of oxalacetic ester condense with one molecule of an acyclic aldehyde.
(9) Acetic anhydride and oxalacetic ester form acetoxyfumaric acid diethyl ester.
(10) Heated to 150-350°C., oxalacetic ester loses carbon monoxide and forms diethyl malonate. (British Patent 228,863.)

Unlike the ethyl ester from which it is prepared, Sodium Ethyl Oxalacetate is quite stable and entirely suitable for uses where the ester might be employed.

Tests Oils For Carotene

A test for carotene in fats or oils is outlined as follows: "Mix 155 cc. of sample with 7.5 cc. of petroleum ether boiling at 30-60 deg. C. and 2 cc. of amyl alcohol. Add 1 cc. of sulphuric acid of specific gravity 1.53. The mixture is shaken for 2 minutes and let stand. An acid layer separates which is blue in the presence of carotene."

Makes "Solid" Lactic Acid With Carbonates

"Solid" lactic acid that can be kept and handled as a powder in the same manner as tartaric and citric acids may be simply and effectively prepared for food and beverage products, it is revealed in a recent French patent.

It is only necessary to add, slowly and without the application of heat, calcium or magnesium carbonate to the liquid acid (80%) in a quantity somewhat less than that required for neutralization, the inventor claims.

The patent papers suggest employing one mol of carbonate to 5, 10 or even as much as 20 mols of lactic acid.

Dye Absorption Measures Bottle Glass Solubility

WASHINGTON, D. C.—The relative solubility of "flint" green and blue glass bottles is indicated by the amount of dye absorption in a new test devised at the Bureau of Standards. Such information is important in "packing" solutions which must remain unchanged over considerable periods, such as medicinals, serums, antitoxins, and solutions prepared for intravenous injection.

The method is described in the *Technical News Bulletin* as follows:

"Wash the bottles, on the inside, with soap and water, then with 1-percent acetic acid, and finally three times with distilled water. Fill the bottle with 0.05 molar potassium acid phthalate adjusted to pH 6 with sodium hydroxide, digest at 80° C for 24 hours, remove the solution, and wash the bottle with distilled water. Fill the bottle with 0.06-percent aqueous solution of victoria blue (C.I. 729), let stand for 30 minutes, remove the dye solution, and rinse with hot distilled water. Dissolve the dye absorbed by the surface of the glass with cold 95-percent ethanol and determine the concentration of the dye in the ethanol solution with a reliable color comparator. The relative solubility of the glass is indicated by the amount of dye absorbed by bottles of similar size and shape."

When bottles of different size or shape are tested, results can be compared only on a unit area basis, the authors warn.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

A special swelling colloid, described as a synthetic cellulose material, is now available. Soaps made with it are said to produce a strikingly mild, abundant, stable lather even with considerable lower fatty acid content. **(No. 190a)**

U S I

Remarkable freshness in eau de cologne is said to be imparted by minute quantities of a new synthetic substitute for unstable aldehyde C_{10}. Soluble in alcohol, vegetable and mineral oils, the product possesses a strong odor of aldehyde and "portugal," a "background" of iris and a marked similarity to the aldehyde, but no rancid odor, the manufacturer announces. **(No. 191a)**

U S I

A universal buffer solution for the pH region 2.0 to 12.0 may be easily prepared from directions given in a special reprint available without charge from U.S.I. **(No. 192a)**

U S I

A new color rinse for use after shampoos, claimed to mix readily with water, is available for private label manufacture. **(No. 193a)**

U S I

A new single-packing vacuum mixer enables evaporation of moisture or solvents at temperatures below their boiling points, the manufacturer states. Sealed vacuum chambers are said to prevent contamination of the mix. **(No. 194a)**

U S I

Substitutes for carnauba wax which are waterproof and abrasion-resistant and produce a high gloss without rubbing, were announced recently. The two synthetic waxes are said to be easily emulsified with hot water to yield stable emulsions. **(No. 195a)**

U S I

Bellows-type flexible stainless steel tubing said to be gas-tight and to resist heat and corrosion and to absorb vibrations, is now on the market. **(No. 196a)**

U S I

For modifying the consistency of lipsticks, paste or cream rouge, lotions, shaving creams, etc., hydrogenated fats of vegetable origin are now available in this country, a recent report states. The materials are free from traces of catalyst, will not cause rancidity, and have congealing points from 35 to 75 deg., the report containues. **(No. 197a)**

U S I

Producing stable emulsions from two liquids or a liquid and a solid is possible with a new viscolizer, according to the manufacturer. Suggested applications include waxes, food products, polishes, inks, etc. Only stainless steel parts contact the product to prevent corrosion. **(No. 198a)**

U S I

Proper tension when tightening bolts, studs, etc., is indicated by the flashing of a light in a new socket wrench equipped with a battery and bulb and five tension scales, according to a recent announcement. **(No. 199a)**

U S I

A ready-reference vitamin chart defining all the standardizing units in current use as well as approximate equivalents and conversion factors may be secured free of charge by writing to U.S.I.

U.S.I. INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., N.Y. (U.S.I.) BRANCHES IN ALL PRINCIPAL CITIES

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ALCOHOLS
Amyl Alcohol
Butyl Alcohol
Fusel Oil—Refined
Isopropyl Alcohol
Methanol

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Anhydrous
Absolute
C. P. 96%
Pure (190 proof)
Specially Denatured
Completely Denatured
U. S. I. (Denatured Alcohol Anti-freeze)
*Super Pyro Anti-freeze
*Solox Proprietary Solvent

***ANSOLS**
Ansol M
Ansol PR

ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.

KETONES
Acetone, C.P.
Methyl Acetone

INTERMEDIATES
Acetoacetanilid
Acetoacet-o-chloranilid
Acetoacet-o-toluidid
Ethyl Acetoacetate
Para-chlor-o-nitraniline
Sodium Ethyl Oxalacetate

ESTERS, ACETATES
Acetic Ether
Amyl Acetate
Butyl Acetate
Ethyl Acetate
Isopropyl Acetate

ESTERS, PHTHALATES
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

ESTERS, ETHYL
*Diatol
Diethyl Carbonate
Diethyl Maleate
Diethyl Oxalate
Ethyl Chlorocarbonate
*Registered Trade Mark
Ethyl Formate
Ethyl Lactate

ESTERS, BUTYL
Butyl Propionate
Dibutyl Maleate
Dibutyl Oxalate

OTHER ESTERS
Amyl Propionate
Dimethyl Maleate

OTHER PRODUCTS
Collodions
*Curbay Binders
*Curbay X (Dried Curbay)
Ethylene
Nitrocellulose Solutions
Potash, Agricultural
Urethane

Potash, arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs. .....lb. .12 - —
Bicarbonate, USP, cryst., bbls.. 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs. .....lb. .17 - —
Bichromate, spot, c.l., works..lb. .05¾- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
liquid, dms., c.l., dlvd.....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, dlvd.....lb. .0287½- —
USP, gran., bbls., 325 lbs..lb. .13½- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03½- .03¼
tanks .....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .0¹½- .06¾
import, dms.....lb. .06½- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .09
Chloride, tech., 96%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37¹- —
Cyanide, cns., dms.....lb. .50 - .55
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. .....lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guaiacolsulphonate, fib., dms. 100 lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns... 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots. or cns.....lb. 1.22 - 1.48
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f., ports..ton.12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports.....unit-ton. .58½- —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½- —
Metabisulphite, kgs. .....lb. .11 - .12½
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports.. unit-ton. .53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs.....lb. .30 - .31
tech., bbls. .....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton.55.00 Nom.
Perchlorate, kgs., works.....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .30½- .34
Yellow, bbls. .....lb. .14 - .15
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.38.00 - —
l.c.l. .....lb. .13½- —
Xanthate, dms., c.l. .....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., ships, ton.25.75 - —
Potash-titanium oxalate, kgs...lb. .35 - .40
Prickly ash bark, bls.....lb. .10 - .15
Berries, bgs. .....lb. No stocks
Prince's pine herb, bls.....lb. .15 - .16
Propane, tanks, G.S.....gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. .....lb. .16 - .17
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works..lb. .04½- —
3 or over, works...lb. .04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y..ton.32.65 Nom.
l.c.l., 5-20 tons, ex whse., ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs., ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .09 - .10
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 6.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms.....100 lbs. 5.00 - —
standard, dms.....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrum (Seil test) 55-gal. dms. (incl.) frt. alld., E. of Rockies, standard brand..gal. 6.25 - 6.35
basis (30 to 1) 3.6% pyrethrine 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand..gal. 9.20 - 9.35
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .29 - .29½
fine powd. Japan, bbls., ton lots frt. alld..lb. .30 - .31
Pyridin, denaturing, dms. ..gal. 1.63 - —
refd., 2°, dms. .....lb. .50 - —
Pyrites, Spanish, bulk, c.i.f. Alt. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.00 - —
325 mesh, same basis.....ton.12.00 - —
No. 3, 200 mesh, c.l. mines. ton. 7.50 - —
325 mesh, same basis.....ton.10.50 - —
Pyroxlin, scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
Pyroxlin, China white, ivory, c.s., works..lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works.....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works..lb. .03¾- —
tanks, works.....lb. .02⅞- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., cl., same basis..lb. .04¼- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .08 - .09
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08½
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net), dlvd., N.Y..flask.87.00 -90.00
import, flasks, (76 lbs. net) in bond..flask.74.00 - —
Quince seed, bgs.....lb. .70 1.10
Quinidine, cryst., small, cns...oz. .90 - —
large, cns.....oz. .98 - —
powd., precip., cns.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .90 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns.....oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 - —
Hydrochlorosulphate, cns....oz. .75 - —
Hydriodide, cns.....oz. .99 - —
Quinine hypophospite, cns.....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, USP, X, cns.....oz. .54 - —
USP, XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .93 - —
Quinine-urea hydrochloride, cns.oz. .75 - —

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms. .....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .06¼- .06½
Dutch, black, bgs.....lb. .06½- .07
red, bgs.....lb. .06¾- .07¼
Japanese, bgs.....lb. .06 - .06½
Raspberries, dried, bls.....lb. .28 - .30
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.80
Red, Alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha St. Joseph; ¼c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.....lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots.....lb. 4.00 - —
100-lb. lots .....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .06¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .62 - —
open order.....lb. .67 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.85 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 1.40 - —
Metallic, bbls., Pa., works...lb. .08 - —
Orange, Persian (see O).
Red, oxide, pure, bbls., c.l., works..lb. .08½- —
l.c.l., works.....lb. .09¾- —
shell, dom., cs., works.....lb. .12 - —
reduced, 55% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .06¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04⅝
ex whse., Chicago, St. Louis..lb. .05⅝- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 500 lbs.lb. 1.57 - —
smaller lots.....lb. 1.61 - 1.68
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.71 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots. .....lb. 5.75 - 6.75
Rhubarb root, cs.....lb. .45 - .50
powd., bbls., kgs.....lb. .50 - .55
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .18¾- —
smaller lots.....lb. .19¼- —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots.....lb. .18¼- —
Rose flowers, pale, bls.....lb. .75 Nom.
red, bls. .....lb. 2.20 - 2.25
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .04¾- .05
Rosin, gum, B, bbls., ex dock. 280 lbs. 4.75 - —
D, bbls.....280 lbs. 5.00 - —
E, bbls.....280 lbs. 5.25 - —
F, bbls.....280 lbs. 5.62½- —
G, bbls.....280 lbs. 6.85 - —
H, bbls.....280 lbs. 6.95 - —
I, bbls.....280 lbs. 6.97½- —
K, bbls.....280 lbs. 7.00 - —
M, bbls.....280 lbs. 7.10 - —
N, bbls.....280 lbs. 7.25 - —
W. G., bbls.....280 lbs. 7.55 - —
W. W., bbls.....280 lbs. 8.35 - —
X, bbls.....280 lbs. 8.35 - —
Rosin, wood, bbls.....280 lbs. 4.00 - 5.45
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
Rue, bls.....lb. .14 - —
powd., bbls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .18 - .19
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls. .....lb. .22 - .28
Saffron, Mexican, bls.....lb. .25 - .26
Spanish, tins.....lb. 30.00 -31.00
Safrol, cns. .....lb. .52 - .58
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless....lb. .05¾- .06
garden, bls. .....lb. .06¼- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .96 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.08 - —
kgs., 100 lbs. .....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.12.20 -12.80
l.c.l., bgs., dlvd., N.Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton.14.00 - —
l.c.l., dlvd., N. Y.....ton.15.00 -19.70
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -19.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons.100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons .....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo.42.00 -42.90
resale, cns.....lb.19.00 -21.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .37 - .39
Mexican, bls. .....lb. .12½- .13
Sassafras, bark, ord., bls.....lb. .12 - .13
select, bls. .....lb. .18 - .20
Savory, bbls. .....lb. .07½- .07¾
Saw palmetto berries, bgs.....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlits mixture, bbls., 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .15½- —
kegs, 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots.....lb. .15¾- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega, root, bls.....lb. .63 - .65
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls.....lb. .06¼- .09
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3 bls.....lb. .04¾- .05¼
powd., bbls., bxs.....lb. .09 - .10
Pods, bls.....lb. .05½- .06
Serpentaria, root, bls.....lb. .68 - .70
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19¼- .20¼
Chicago .....lb. .19¾- .20¾
Pacific Coast.....lb. .22 - .23

Potash Arsenite—Soda Bicarb.

Shellac, bonedry, refd., bbls., f.o.b. N.Y..lb. .25 - —
dlvd. Boston.....lb. .25½- —
Chicago .....lb. .26¾- —
Pacific Coast.....lb. .28 - —
Garnet, bgs.....lb. .12½- .18
Orange, D.C., VSO., Diamond, cases..lb. .19 - .20
Superfine, bgs., f.o.b. Bost. N. Y...lb. .10½- .11
dlvd., Chicago .....lb. .11 - .11½
Pacific Coast.....lb. .13½- .14
T.N., bgs., f.o.b. Bost., N.Y. lb. .10 - .10½
dlvd. Chicago.....lb. .10½- .11
Pacific Coast.....lb. .13 - .13½
Shellac varnish, orange, 5-lb. cut., bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .90 - .95
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 90-97%, 325 mesh, bgs. c.l., works..ton.17.00 - —
l.c.l., 2½ tons, works..ton19.00 - —
smaller lots, works..ton.20.00 - —
wet-grd., 90-97%, 325 mesh., bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, work..ton.19.50 - —
smaller lots, works..ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works..ton.36.50 - —
smaller lots, works..ton.38.00 - —
wet-grd., 90-99%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works..ton.21.50 - —
smaller lots, works..ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works..ton.23.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .4464- —
Cyanide, cns., 1,000 ozs.....oz. .39¼- —
500-999 ozs.....oz. .39¾- —
80-499 ozs.....oz. .39¾- —
16-79 ozs.....oz. .42¼- —
Nitrate, vls.....oz. .31¼- .32¼
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
Simarubra bark, bls.....lb. .26 - .28
Skatol, bots. .....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .16 - .17
Western, bls. .....lb. .14 - .17
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works .....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts. .....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .25
Soapbark, bls.....lb. .07 - .09
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .06¼- .10
powd., bbls. .....lb. .14 - .14½
Soda abietate, dms.....lb. .11 - —
acetate, anhyd., dms., dlvd..lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. .....lb. .04¼- .05
powd., 80%, dms., c.l., dlvd. lb. .06 - —
l.c.l., dlvd. .....lb. .06¾- —
Alginate, dms. .....lb. .70 - —
Antimoniate, bbls. .....lb. .11½- .12
Arsenate, dms., dealers, c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07¼- .09¼
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09¼- .11¼
Soda arsenite, dry, gray, prices are ¼c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
58%, l.c.l., Zone 1..100 lbs. 2.25 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works.....100 lbs. .95 - —
extra light, 58%, bgs., c.l.,.....100 lbs. 1.06 - —
l.c.l., Zone 1.....100 lbs. 2.05 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l. .....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.06 - 1.06
l.c.l., Zone 1.....100 lbs. 2.06 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wchita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more. lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —

Soda Bicarb.—Tributyl Phos.

Soda, bicarbonate, U.S.P., powd., l.c.l., dlvd. N. Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y..100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l., bgs.....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works.. lb. .06⅝- —
l.c.l., 6 cks, or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., wks.....100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.81 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda memohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works.100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.80 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots .....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
cns., 50-lb. lots.....lb. .26 - —
25-lb. lots .....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots. lb. .26½- —
cns., 50-lb. lots.....lb. .26½- —
25-lb. lots.....lb. .28½- .29½
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms.lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila...lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis.lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns. 100-lb. lots..lb. .20½- .22
Hypophosphite, N.F., cns.... 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd. 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks., 100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots. .....lb. 2.21 - 2.47
Mandelate, bots.,. 5 lbs.....lb. 3.30 - —
fib. dms., 100-lb. lots.....lb. 3.05 - —
smaller lots .....lb. 3.15 - 3.20
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks...100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Soda, nitrate, crude, c.l., 100-lb. bgs., March-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.25.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .06 - —
l.c.l. .....lb. .06¾- .11¼
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.53 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.73 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works, 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works....100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works .....100 lbs. 3.10 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works.lb. .11½- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .09½- .10
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd., 100 lbs. 5.10 - —
l.c.l. same basis..100 lbs. 5.35 - —
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd.N.Y.C. 100 lbs. 3.05 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.30 - —
Silicofluoride, dom., bbls.....lb. .04½- .04¾
import, bbls. .....lb. .03¾- .04½
Stannate, dms.....lb. .30½- .33½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .17½- .18
Spikenard root, bls.....lb. .11 - .12
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works.....lb. .01½- —
powd., super, bgs, c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01½- —
Squawvine leaves, bls.....lb. .11 - .12
Squill red, bls.....lb. .14 - .16
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .43 - .45
St. John's bread, edible, bls., lb. .07 - .07½
inedible, bls. .....lb. .05 - .06
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.50 - 2.70
dlvd., N. Y.....100 lbs. 2.85 - 3.05
powd., bgs., f.o.b. Chicago, 100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
Potato, dom., bgs.....lb. .04 - .05
import, bgs. .....lb. .05 - .06
Rice, bbls. .....lb. .06¼- .07¼
Wheat, thick boil, bgs.....lb. .05 Nom.
Staveacre seed, bgs.....lb. .14 - .16
Stearin, oleo, bbls.....lb. .06½- .06¾
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .09
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13 - .14
Seed, bgs. .....lb. .09 - .10
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 98-100 pc., precip., bbls., lb. .16½- .17½
Strontium chloride, bbls.....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works .lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.05 - 1.10
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .66 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .65 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .32 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb., bots....lb. 1.40 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.00 - —
100 lbs. .....lb. 1.05 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract.....long ton.20.50 - —
ex vessel, Puget Sound, Columbia River, and British Columbia ports, bulk, contract .....long ton.22.00 - —
flowers, bgs., c.l., works. 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3 30 - —
l.c.l., bgs., works....100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l., wks..100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works. 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l, 99½%, c.l., frt. alld..100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .08 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Sumac, grd., Sicilian, bls....ton.65.50 - —
leaf, bales.....ton.68.00 - —
Extract, 42°, bbls.....lb. .05¼- —
51°, bbls.....lb. .06½- —
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06⅝- .06⅞
medium, bgs. .....lb. .05 - .05½
poultry, bgs. .....lb. .0400- .0430
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs , c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake, type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 - 67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls..lb. .05¾ Nom.
extra, loose, works.....lb .05⅜- —
special, loose, works.....lb. .05¼- —
Tallow, vegetable, ship., cs....lb. .06½ Nom.
sulphonated, 35% (24% fat), dms., c.l..lb. .03¾ Nom.
l.c.l. .....lb. .04¾ Nom.
50% (43% fat), dms., c.l., lb. .05¾ Nom.
l.c.l. .....lb. .06¾ Nom.
50% (48% fat), dms., c.l..lb. .05¾ Nom.
l.c.l. .....lb. .06¾ Nom.
Tamarind, W. I., bbls.....lb. .05 - .05¼
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. Nom.
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.50 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.35 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, March-April shipt..unit-ton. 3.10 & .10
Tansy leaves, bls.....lb. .17 - .18
Tapioca flour, bgs.....lb. .01¾- .03¾
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .28 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .25 - .26
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .30 - .31
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09½- —
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., wks..lb. 5.00 - 7.00
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .12 - .12½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs. .....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone. bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd....lb. .44 - .44½
Crystals, bbls., kgs.....lb. .36 - .36½
Metal, Straits .....lb. .4620- —
Oxide, bbls. .....lb. .50 - .52
Tetrachloride, anhyd., bbls..lb. .23½- —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .14 - —
l.c.l., 5 tons, E. frt. pd. lb. .14¼- —
Pac. Cst., ex whse..lb. .14¼- —
1,000-9,999 lbs., E. frt. pd..lb. .14½- —
Pac. Cst., ex whse..lb. .14½- —
50-999 lbs., E. frt. pd. lb. .14¾- —
Pac. Cst., ex whse..lb. .14¾- —
under 50 lbs., E. frt. pd. lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
bbls., c.l. (20 tons), frt. pd. lb. .14¼- —
l.c.l., 5 tons, E. frt. pd. lb. .14½- —
Pac. Cst., ex whse....lb. .14½- —
1,000-9,999 lbs., E. frt. pd. lb. .14¾- —
Pac. Cst., ex whse....lb. .14¾- —
50-999 lbs., E. frt. pd...lb. .15 - —
Pac. Cst., ex whse....lb. .15 - —
chalk-resistant, bgs., c.l. (20 tons), frt. pd..lb. .15 - .17
l.c.l., 5 tons, frt. pd....lb. .15¼- .17¼
1,000-9,999 lbs., frt. pd.lb. .15½- .17½
5-999 lbs., frt. pd.....lb. .15¾- .17¾
Under 50 lbs., frt. pd..lb. .18 - .20
Phthalate-treated, bgs., c.l., (20 tons), frt. pd..lb. .22 - —
l.c.l., 5 tons, E. frt. pd. lb. .22¼- —
Pac. cst., ex whse..lb. .22¼- —
1,000-9,999 lbs., E. frt. pd..lb. .22¾- —
Pac. cst., ex whse..lb. .22½- —
50-999 lbs., E. frt. pd..lb. .22¾- —
Pac. cst., ex whse..lb. .22¾- —
under 50 lbs., frt. pd. lb. .25 - —
bbls., c.l. (20 tons), frt. pd. lb. .22¼- —
l.c.l., 5 tons, E. frt. pd..lb. .22½- —
Pac. Cst., ex whse..lb. .22½- —
1,000-9,999 lbs., E. frt. pd..lb. .22¾- —
Pac. Cst., ex whse..lb. .22¾- —
50-999 lbs., E. frt. pd.. lb. .23 - —
Pigment, barium, calcium, or magnesium base, c.l., D. frt. alld..lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., D., frt. alld..lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Pac. Cst., ex whse..lb. .06½- —
Toludin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .49
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .26 - .28
root, bls.....lb. .38 - .40
Tonka beans, Angostura, cks...lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .70 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48

Trichloroethylene, dms., c.l., works, frt. alld. Zone A..lb. .089 - —
l.c.l., dms. .....lb. .094 - —
Zone B, c.l. .....lb. .104 - —
l.c.l., dms. .....lb. .109 - —
Zone C, dms., l.c.l.....lb. .104 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd lb. .40½- .51½
ismo c.l., dlvd.... lb .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethylenegtycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.10 - 2.20
Oxide, CP, kgs.....lb. 2.40 - 2.60
Chem. grade, kgs.....lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs..lb. .05½- .05¾
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .34½- —
l.c.l., 10, ex dock.....gal. .36½- —
5, ex dock.....gal. .38½- —
wood, dest., dist., dms., dlvd. E. cities, ports..gal. .22 - .24
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - .32
tanks, dlvd.....gal. 22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Urea, import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14¼- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .08¼- .08¾

V

Valerian root, bls.....lb. .09½- .10
Valonia, beards, bgs., ship..ton.47.00 - —
Cups, bgs., shipt.....ton.31.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 5.25 - 5.50
Mexican, tins .....lb. 5.25 - 5.50
cuts, tins .....lb. 5.00 - 5.25
South American, tins.....lb. No prices
Vanillin, ex eugenol, 25-lb. tins, lb. 2.20 - —
5-lb. tins.....lb. 2.25 - —
1-lb. tins.....lb. 2.35 - —
ex guaiacol, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
ex lignin, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .39 - .40
tree .....lb. .19 - .22
Wattle bark, bgs., shipt.....ton.34.75 -38.25
Extract, solid, bags.....lb. .04 - —
Wax, bayberry, import, bgs...lb. .18½- .19
Bees, white, bleach, slabs, cs., 500 lb. lots..lb. .37 - .39
yellow, crude, Africa, bgs., lots of 10.....lb. .19 - .19½
1 bg. .....lb. .19½- .20
Brazil, Chile, bgs., 5-10 ton lots..lb. .21 - .21½
1 ton.....lb. .21½- .22
500 lbs. .....lb. .22 - .22¼
100 lbs. .....lb. .22½- .23
refd., slabs, cs., lbs....lb. .25½- .26
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16¼
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .28 - .29
5 bgs. .....lb. .28½- .29½
1 bg.....lb. .29 - .30
N. C. 2, bgs.....lb. .34 - .34½
N. C. 3, bgs., 1 ton.....lb. .30 - .30½
5 bgs. .....lb. .30½- .31
1 bg. .....lb. .31 - .31½
refined, bgs. .....lb. .34 - .34½
yellow, No. 1, bgs., 1 ton..lb. .37½- .38½
5 bgs. .....lb. .38 - .39
1 bg. .....lb. .38½- .39½
No. 2, bgs.....lb. .36½- .37½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs.....lb. .10¾- .11
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .18 - .21
cakes, cs.....lb. .19 - .22
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06½
White precipitate, powd., 5-lb. bots..lb. 1.79 - —
dms., 50 lbs., or more...lb. 1.66 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l. works..ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 -
bbls. c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls. c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Paris white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.00 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
Whiting, limestone, gilders, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 5-20 tons, works.ton.12.50 -
4-8 tons, works.....ton.13.50 -
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l., works, ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .07
rossed, bls. .....lb. .07½- .09
thin, natural, bls.....lb. .06 - .0
rossed, green, bls.....lb. .09 - .1
Wild Indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF bbls..gal. .40 - .42
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural)
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .08 - .10
Levant, bgs.....lb. 2.70 - 2.75
Wormwood, bls.....lb. .08 - .10

Trichloroethylene—Yellow

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b Minnequa, Colo..gal. .26 - —
Nitration, dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms.. works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

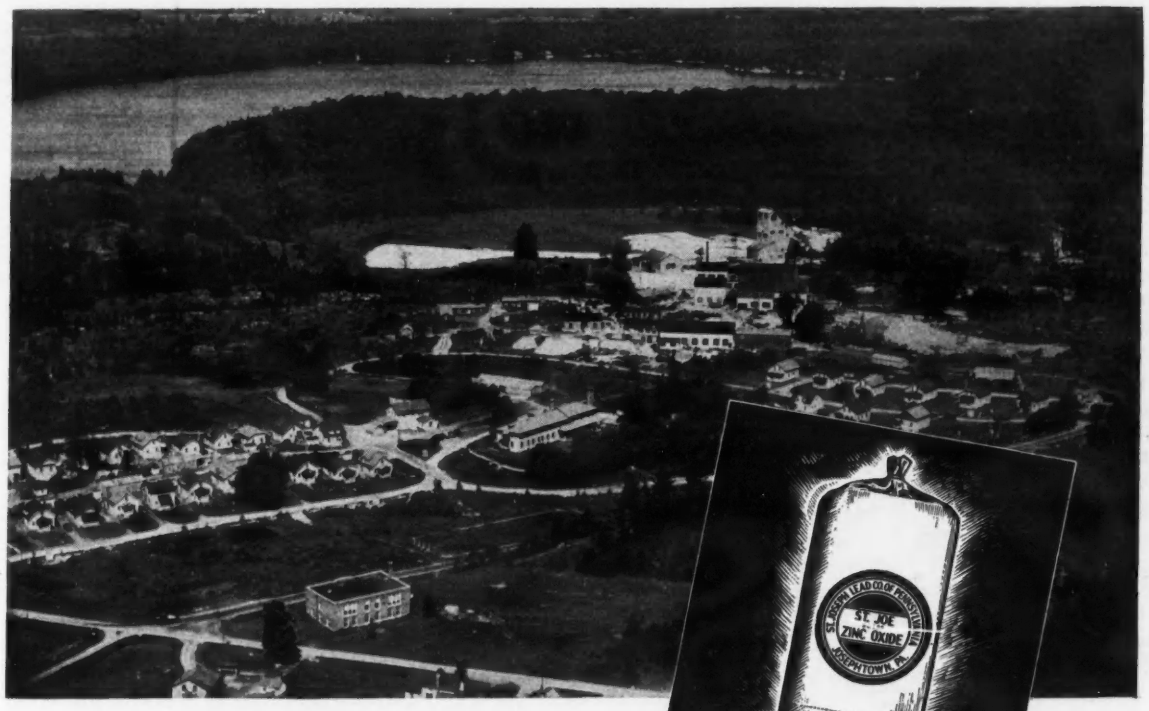
Y

Yara yara, cryst., cns.....lb. 1.25 - 1.30
Yellow, cadmium, CP, import., bxs lb 1.35 - 1.75
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls. works, lb. .75 - —

—Continued on page 32.

FROM ORE TO OXIDE

The Story of St. Joe Zinc Oxide—Number 1 of a Series



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PLANT AND LABORATORY, JOSEPHTOWN, BEAVER COUNTY, PENNSYLVANIA

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In Respect of Latin America

In substantial degree, the consideration now being given to the development of better political and commercial relations between this country and Latin America is what might be called ex post facto. In large measure, the progress that is being made can be attributed to the fact that matters closer to home occupy the larger part of the attention of European and Asiatic nations.

It is understandable to those whose memories are normally long that, in the midst of the cultivating of better relations with Latin America, Mexico has expropriated a large and valuable variety of property of foreign owners and Bolivia has confiscated American oil properties. The United States politically has understood Latin American relations and the influences affecting them no better than American business, particularly its financial division, has understood Latin American markets. It must be admitted that these things, in both connections, have been and are very difficult to comprehend; and, when understood as much as possible, are still difficult to handle.

A peculiar political sagacity and a sensitive political flexibility are necessary in the development of Latin American resources by foreign capital. A highly developed personal perspicacity is still more necessary. And there must be palpable evidence that the business, on both sides, is not in bad grace with its government. The absence of the last condition has been not the least reason for difficulties of American business in Latin America in recent years.

Politics has always played a large part in the economic life of Latin America. Too little attention has been given by the government of the United States to the causes which underlie this condition. Other governments have manipulated these causes, seeking advantages. The results in some instances have gone deep; the repercussions have at times been costly.

Latin America must be understood and properly evaluated if it is to be developed to its potentiality as a market for United States industries. The good-neighbor policy is properly aimed. But, it must be manifested by both government and business coordinatedly. There is much to be undone; far more to be accomplished.

The Whole And Its Parts

There is a trend in the Temporary National Economic Committee to look upon different industries as separate fields for the study and the application of processes and rules of business practice. Such a view is essential to the satisfactory solution of the problems to which the efforts of the committee are directed. But, in this aspect of the investigation, as it is in respect of the relevant views, no single rule can be laid down; no single road can be followed.

Each industry must be treated separately and it must be treated differently to an extent. But, to be successful, the work of the committee must not disregard the interdependent and the intercompetitive relationships of industry.

—O-P-D—

The Buyer Should Know

When there is more politics than economics in the politico-economic policy of a nation, that nation will economically suffer. It makes no difference that the political ingredient is masked with a flavor of international amity or blended with a professed purpose of promoting national export trade. The political phases of international relations, as well as of those in domestic circles, must be fitted to the national economic needs. The woes of the world, and the woes of the several nations, are today chiefly of economic origin, whatever may have been the predominance of the political influence in times past.

The Secretary of State envisages the United States in a role of equalizer of world economic conditions. He recognizes that these conditions are fundamental in world affairs. His intentions are excellent. But, his processes often have the appearance, at least, of being disregardful of the economic welfare of his own people. As manifested in his tariff bargains, these processes also are at times indicative of misjudgment; their benefits fall far from their intended object. Thus it is that, under the tariff bargain with France with its intention, among others, of providing a larger market in the United States for French low-cost opera glasses, Japan has been loading the counters of dime stores and similar distributors with glasses at prices unbelievably low.

There seems to be misjudgment also in the Secretary of State's expressed opposition to legislation pending in the State of New York to require that all imported articles sold in the State be conspicuously marked to show the country of origin. This protest is a peculiar blend of somewhat incompatible views. It admits the existence of the Federal requirement of such marking that is contained in the tariff act. But, it holds that a similar requirement on the part of a State would be in unfortunate conflict with the Federal endeavors to obtain favor for American goods in foreign markets and would tend to invite retaliatory measures against these goods by other nations.

About the same time that the Secretary of State was protesting against the proposed New York legislation a Federal judge in this city imposed a fine of $1,500 on a seller of electrical goods who had pleaded guilty to having obliterated the "Made in Germany" marks from generators sold to the city. This is plain recognition of the right of the buyer to know exactly what he is buying. This right exists for the ultimate consumer as well as for the buyer now protected by the tariff act. The Secretary of State expressed doubt that a State had constitutional authority to impose "discriminatory burdens" on articles of foreign production. How otherwise is the consumer adequately to be informed?

The mark of origin must remain on an article capable of being marked. The Federal judge referred to above has made this plain. Congress cannot provide similar protection for buyers of repacked goods. The State can and for the sake of the right of freedom of choice and to prevent competition unfair alike to the consumer and to American industry, the State should so provide.

—O-P-D—

Harmonized Legislation

There is a commendable idea in one part of the protest of the Secretary of State of the United States against the New York proposal of a statutory requirement that imported goods be marked to identify the country of their origin. This is in his reference to the undesirability of conflict between the requirements of State laws and those of Federal laws directed to the same purpose. Harmony and practicable uniformity in complementary or supplementary Federal and State laws are most desirable.

The movement now in progress in many States for a revision of their laws regulating the manufacture and sale of foods and drugs is an example, not only of the desirability of harmony and practicable uniformity—some provisions in respect of administration must differ—but of their absolute necessity. This is true in respect of the application of such legislation to the consumer in no less degree than it is true in respect of manufacturers and distributors. Conflicting requirements seriously hamper the adequate distribution of the benefits of modern industry and commerce no less than they unwarrantedly burden those whose efforts make these benefits possible.

The peculiar, practically unique, political setup of the United States makes either Federal or State legislation inadequate to the proper and effective achievement of whatever may be its purpose. There can be no national legislation. When Federal legislation and State legislation are not in harmony, there is a no-man's land of greater or less expanse, which lacks the application of adequate attention, and which must cause uncertainty and dissatisfaction.

The welter of proposed food, drug, and cosmetic legislation in some individual States, and more noticeably in the States as a group, in which such legislation is pending, cannot be satisfactory to either the industries affected or the consuming public. This condition is unfortunate. It is one of the troublesome problems of legislating for the general welfare—there are too many "generals" and not enough real "welfare workers."

When the Federal food, drug, and cosmetic act was passed some nine months ago—the law controlling advertising preceding it by some time—the industries affected by this legislative team were in position to know the minimum of consumer demands in this respect. They lost a great opportunity when they did not—all three of them—get together in the drafting of a harmonious, practicably uniform draft of a complementary State law, together with separate drafts for introduction in such States as statutorily differentiate the several classes of goods. Today's fight—and it is but beginning—would have been largely, if not wholly, avoided by such coordinated efforts.

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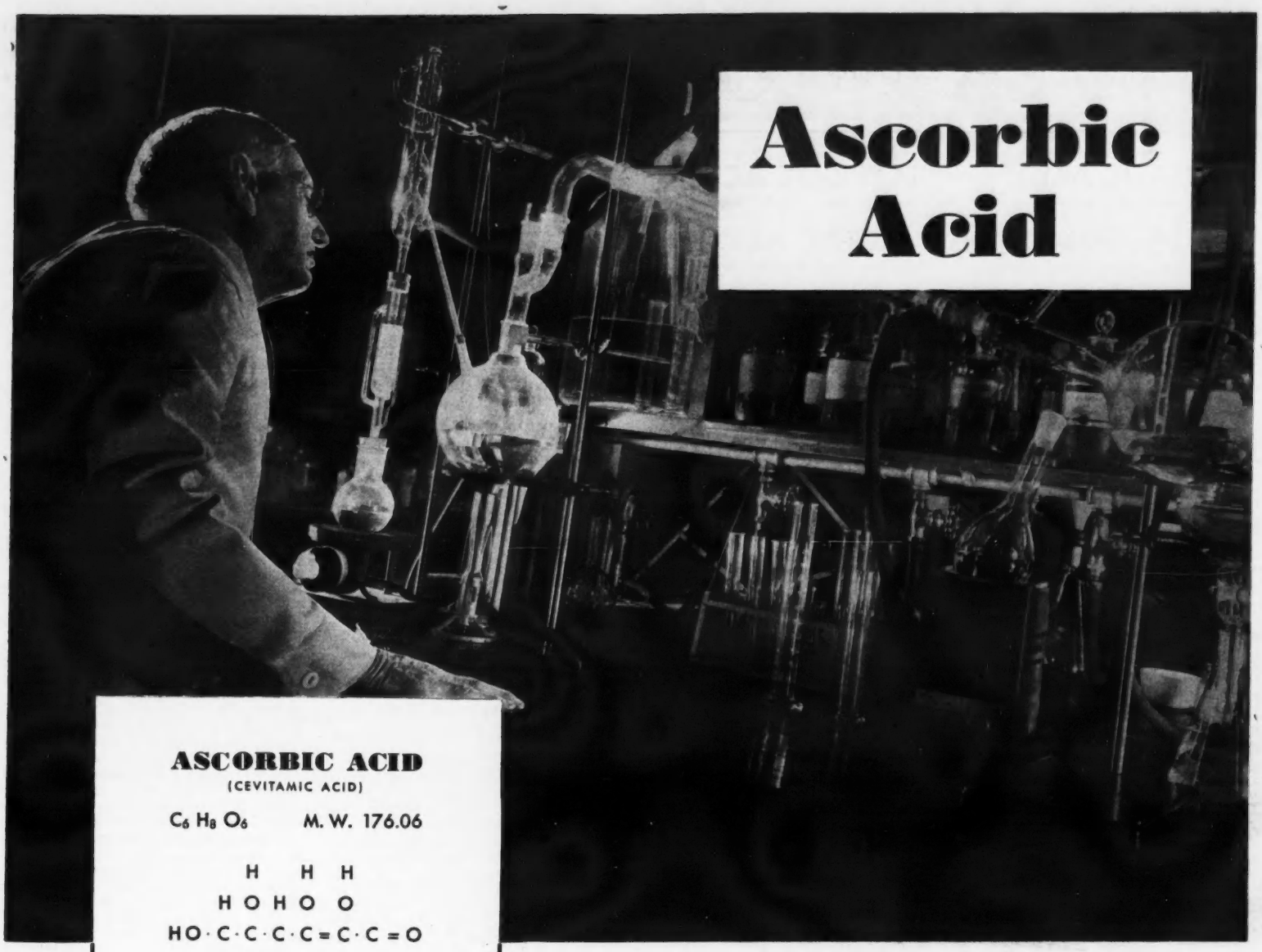

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Heavy Chemicals

Business Steady with Better Inquiry for Seasonal Chemicals —Common Vacuum Salt Reduced—Copperas Firm Feature —Alkalies and Plating Chemicals Moderately Active

Business in the market for heavy chemicals continued steady last week. The volume showed indications of expanding in some seasonal chemicals, but at best the improvement was slow in view of the unfavorable weather conditions in many sections. Manufacturing consumers were content to place commitments when inventories reached low levels, and then only for current requirements. Industrial operations held at approximately the same basis. Indications were that current price schedules for important chemicals would be carried into the second quarter. Price changes included lower quotations for common vacuum salt, anhydrous tetrachloride of tin and Straits metal.

A better inquiry was noted for such chemicals as anhydrous ammonia, carbon tetrachloride, chlorine, magnesite and refined sulphur. More favorable weather was awaited for agricultural insecticides and fungicides. Seasonal movement of blue vitriol was underway for agricultural purposes, although the commercial demand supplied the chief stimulus to the market. Interest from miscellaneous consumers continued to take up the slack in the demand for calcium chloride in ice control work. Copperas was firm, and supplies of material were none too plentiful. Nickel salts, chromic acid and cyanides were taken steadily by the automotive trade. The moderate improvement noted in alkalies recently was well maintained. Potash salts remained routine. Soda bicarbonate moved in satisfactory volume. The reduction in common vacuum salt was attributed to severe competitive conditions, and the lower prices were put into effect in an effort to stabilize the market. Straits tin declined slightly, and was sufficient to cause a fractional reduction in anhydrous tetrachloride of tin. Other metals and their derivatives held unchanged. Most mineral acids were taken steadily, but there was little disposition to broaden commitments.

Alums.—Withdrawals of alumina sulphate, ammonia and potash alums were steady, and commitments were generally moderate. Price schedules were fully maintained. January exports of alumina sulphate totaled 3,766,000 pounds, valued at $38,355, of which 3,263,810 pounds went to Canada; 300,000 pounds to Colombia; 124,000 pounds to the Philippine Islands and 60,000 pounds to Cuba. Exports of other alum compounds amounted to 183,842, valued at $9,408.

Ammonia, Anhydrous.—A better inquiry was evident in the market, and preparations were well under way for the usual seasonal demand. Quotations were without change. January exports aggregated 155,102 pounds, valued at $17,933.

Ammonia, Aqua. — Shipments were moving at a satisfactory pace, and sellers could point to some broadening in the demand from basic consuming industries. Pricewise a steady tone governed the transactions.

Ammonia Carbonate.—There were no new developments to report in this direction. Demand was of a routine character, and quotations were unaltered.

Ammoniac, Sal.—Withdrawals against contracts provided the bulk of the business in the market for the white and gray material, and usual consumers were making necessary purchases. Prices ruled unchanged.

Antimony.—Demand was spotty, although a little better inquiry was reported at times. Quotations for domestic spot metal held at the 11¼c. per pound level. Little of importance developed in the market for the oxide and needle of antimony, and business was on a limited basis.

Arsenic.—While business was not particularly brisk, a steady interest was manifest in the market by major consumers for moderate quantities. Quotations for the red and white material were without change.

Bleaching Powder.—Nothing of importance transpired in this direction, and usual consumers were making routine commitments against contracts. Quotations were in conformity with those established some time ago.

Blue Vitriol.—Seasonal movement for the agricultural season was well under way. However, the market continued to receive its chief support from the commercial consumers, with a relatively good volume of business transacted in this direction. Prices were well sustained.

Calcium Carbide. — Shipments were moving to various consuming channels at a moderately active pace. January exports totaled 74,805 pounds, valued at $3,644. The annual Chilean import quota has been increased to 1,200 tons. When import restrictions were first imposed on this product during November, 1937, the annual quota was limited to 1,500 tons. Recently this was changed to 400 tons due to the large stock held by local producers.

Calcium Chloride.—While the heavy consuming season for ice control work was near an end, interest from other consumers helped to take up the slack. A good inquiry prevailed for concrete curing, refrigerating and other miscellaneous purposes. Prices ruled unchanged. January exports amounted to 252,868 pounds, valued at $5,658, of which 50,250 pounds went to the United Kingdom; 85,945 pounds to Canada; 15,160 pounds to the Republic of Panama; 32,925 pounds to Cuba and 48,000 pounds to the Union of South Africa.

Carbon Bisulphide.—Shipments were moving at a steady pace in most directions throughout the past week, and volume was showing moderate improvement. No change occurred in the quotations. January exports were 455,434 pounds, valued at $18,932, of which 430,434 pounds went to Canada.

Carbon Tetrachloride.—A better interest was exerted in the market by the dry cleaning trade, while other large consumers were making their appearance consistently for fair size quantities. Prices were unchanged.

Chlorine.—Some seasonal expansion in business was evident. Commercial demand was steady, while the call for sanitation and water treating purposes was making its appearance. March is usually one of the best months for general consumption, and so far current business has been satisfactory. Quotations for tanks were maintained at the levels established recently. January exports totaled 758,724 pounds, valued at $18,286, of which 659,564 pounds went to Canada.

Copper.—Sentiment in the market was somewhat affected by the recent developments abroad, and business was not as active as previously. Domestic price held at the 11¼c. per pound level. Activity abroad was lessened, and price ranged around the 10.30c. per pound basis. Developments were watched closely on the proposed Chilean export tax, with opposition reported growing. The smaller increase in world stocks of copper during February was interpreted as constructive. However, the curtailment of world production was not fully reflected in the February statistics.

Copper Salts. — Transactions were

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Salt, common vacuum, $1.30 per ton
Tin, Straits, ¼c. per lb.
tetrachloride, anhy., ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
146.9	146.9	146.9	153.6

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

usually confined to moderate proportions in the market for various copper derivatives. Quotations were maintained at previous levels.

Copperas.—Demand was fairly well sustained in most directions, and stocks of material, while not as depleted as a few months ago, were not considered too plentiful. Quotations ruled firm. Steel operations last week were scheduled at 55.7 percent of capacity, compared with 55.1 percent the previous week and 32.1 percent in the same week a year ago.

Lead Acetate.—A steady to firm price tone characterized the dealings, and some improvement in business was reported recently from major consumers.

Magnesite.—Quotations were fully maintained in the market, and a steady tone governed the dealings. Activity in the building trade has been a favorable factor, and business was slightly broader.

Nickel Salts.—Demand was holding steady, and volume was reported at relatively good levels. The plating trade continued to exert a good interest in the market. A steady to firm price tone predominated.

Potash Carbonate.—Consumers were making their appearance regularly for quantities commensurate with current requirements. Pricewise no new developments occurred, and a steady tone ruled.

Potash, Caustic.—Usual consumers provided the call for moderate quantities, and withdrawals against contracts made up most of the business. No change was disclosed in the quotations.

Potash Chlorate.—Interest from the match trade remained routine, and there was little disposition to order beyond nearby production requirements. Quotations were unchanged.

Salt.—Quotations for common vacuum salt were reduced $1.30 per ton, making car lot quotation $14 per ton delivered, less car lots same basis, ranged from $15 to $19.70 per ton. Prices for rock salt were unchanged. The decline was attributed to severe competitive conditions, and the reduction was made in an effort to stabilize the market.

Soda Ash.—The moderate improvement witnessed in the market recently was holding, and most quarters reported slightly broader interest from basic consuming industries. Prices were unchanged. January exports totaled 5,974,266 pounds, valued at $77,894, of which 660,747 pounds went to Canada; 2,551,147 pounds to Mexico; 360,465 pounds to Cuba; 1,004,939 pounds to Brazil; 752,800 pounds to British India; 133,494 pounds to Venezuela; 157,950 pounds to the Netherland Indies and 174,224 pounds to the Philippine Islands.

Soda Bicarbonate.—Volume of business remained satisfactory, and withdrawals against contracts were in good size volume in not a few instances. Prices ruled unchanged. January exports were 1,803,347 pounds, valued at $33,502, of which 1,438,965 pounds went to Canada; 104,835 pounds to Mexico and 111,456 pounds to Cuba.

Soda, Caustic.—Business in the market held the moderate gains reported recently, while volume was not expanding rapidly, it displayed a gradual uptrend from earlier in the year. Quotations were without change. January exports aggregated 13,196,205 pounds, valued at $262,831, of which 1,473,249 pounds went to Canada; 2,659,082 pounds to Mexico; 1,604,096 pounds to Cuba; 1,453,429 pounds to the Netherland West Indies; 3,157,538 pounds to the Netherland Indies; 336,000 pounds to Argentina; 772,100 pounds to Brazil; 448,158 pounds to China and 599,910 pounds to the Philippine Islands.

Soda Cyanide.—Expansion in the automotive industry provided a better interest in the market from the accessory trade, and sales were showing some improvement. Pricewise a steady to firm tone prevailed. January exports amounted to 64,950 pounds, valued at $7,438, of which 20,050 pounds went to the Philippine Islands; 12,000 pounds to Honduras; 20,050 pounds to Mexico and 2,400 pounds to Canada.

Soda Phosphate.—Usual consumers were making their appearance consistently for quantities to take care of current production requirements. Price schedules for various grades of material were unaltered. January exports totaled 739,425 pounds, valued at $43,204, of which 33,148 pounds went to Belgium; 271,480 pounds to the United Kingdom; 316,491 pounds to Canada; 20,025 pounds to Cuba; 10,500 pounds to Colombia; 11,600 pounds to Arabia and 19,907 pounds to New Zealand.

Soda Silicate.—The market received satisfactory support from large consuming interests, and shipments against contracts and spot business was moderately active. Prices ruled unchanged. January exports amounted to 908,475 pounds, valued at $4,117, of which 475,081 pounds went to Canada; 30,150 pounds to Honduras; 23,060 pounds to Mexico; 138,620 pounds to Cuba; 15,126 pounds to Ecuador; 150,150 pounds to the Philippine Islands and 33,042 pounds to other Asia.

Soda Stannate.—Demand held steady, and volume of business continued to surpass the same time a year ago by a good margin. Quotations were steady at the 30½c. to 33½c. per pound level.

Sulfur, Refined.—Business displayed modest improvement, and most quarters were able to report a broadening in the demand, reflecting to some extent seasonal influences. Price schedules were without change.

Tin Salts.—Quotation for anhydrous tetrachloride of tin declined fractionally to 23½c. per pound. Tin crystals and stannous chloride of tin remained unchanged. Straits metal declined slightly to 46.20c. per pound level. Transactions in the market were along moderate lines for the most part.

Zinc Chloride.—Interest in this direction was confined to routine proportions throughout the past week, and little change in the volume was uncovered. Prices were in conformity with those prevailing previously.

Acids

Demand for mineral acids was steady last week. While there were little indications of any rapid expansion in business, most acids were taken moderately by manufacturing consumers to cover nearly production needs. Price schedules were without change. Acetic moved fairly steadily. Chromic continued firm, and the plating trade was well represented. Formic received moderate attention. Nitric was irregular. Demand for oxalic was fairly broad. Large consumers of sulphuric continued to mark time.

Acetic.—Most consumers were making fair size withdrawals of various grades of material last week. Price schedules remained the same. January exports amounted to 20,186 pounds, valued at $2,617.

Chromic.—Quotations were steady to firm, and sellers were able to report comparatively good demand from the plating trade. January imports were 1,155 pounds, valued at $614.

Formic.—The textile and leather trade provided a moderate interest in the market. No change occurred in the quotations. January imports aggregated 71,651 pounds, valued at $3,800.

Muriatic.—Spot and contract business was fairly steady, although most commitments were on a conservative basis. Prices ruled unchanged. January exports totaled 915,152 pounds, valued at $14,789, of which 785,149 pounds went to Cuba.

Nitric.—Demand was irregular; however, some interests were reported making good sized withdrawals. No change was disclosed in the prices. January imports were 56,164 pounds, valued at $1,256.

Oxalic.—While most business was reported at modest levels, occasional large size orders made their appearance, and demand was well diversified. Prices were without alteration. January imports totaled 11,200 pounds, valued at $618.

Sulphuric.—There was little disposition displayed by large consumers to place orders beyond nearby requirements, and the majority of the business was for moderate quantities. However, some broadening in the demand was anticipated from basic consuming industries as seasonal influences expand operating schedules. Price schedule for various grades of acid remained unchanged.

BALTIMORE, March 15.—General business conditions and other developments have not been of a nature to impart any increase in activity so far as the demand for sulphuric acid is concerned. With the bulk of the business in acid under con-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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tract booked last December, potential consumers maintain a waiting attitude and find it preferable to wait and see if there are any supplementary needs to take care of. The nominal quotations stand at $12 per ton for 60-degree and at $15 per ton for 66-degree acid. Oleum also is unchanged at $17 per ton for 20 percent stock. The demand for this material has been affected by the general conditions that prevail in the fertilizer trade.

Insecticides

Little consumer activity made its appearance in the market for agricultural insecticides and fungicides last week. Thus far the principal activity has been confined to replenishing stocks of dealers and distributors in anticipation of the usual seasonal demand. Weather conditions in most sections have been unfavorable for an early revival in business, but gradual pick up in demand was looked for in the near future. Price schedules in all important chemicals have been issued for the coming season at the same levels. No new price developments took place last week.

The Federal Specifications Board has approved an amendment to the governmental specification for fluoride of soda for insecticidal use. Copies of the amended specific item (O-S-601) may be procured from the Superintendent of Documents, Government Printing Office, Washington. at 5 cents each.

Calcium Arsenate.—The principal activity in the market was concerned with replenishing stocks of distributors and dealers in anticipation of the coming consuming period. January exports to-

Insecticide Wanted For Pink Boll Worm

Memphis, Mar. 15, 1939

The National Cotton Council has urged Congress to enact legislation dealing with the pink boll worm. This insect was described by Oscar Johnson, president of the council, as "even more dangerous and serious threat than the boll weevil to the cotton farmer." No insecticide has yet been discovered to combat the pink boll worm, Mr. Johnson said. The pest is found in Texas, Arizona and New Mexico.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 6

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taled 126,632 pounds, valued at $4,905, of which 126,000 pounds went to Peru.

Lead Arsenate.—There was little feature to the market last week. Final preparations were under way for the seasonal demand. Prices ruled firm. January exports amounted to 168,693 pounds, valued at $13,865, of which 123,444 pounds went to Argentina; 20,000 pounds to the United Kingdom; 11,730 pounds to France; 7,280 pounds to Cuba and 2,016 pounds to the Union of South Africa.

Nicotine Sulphate.—Only slight interest was manifest in the market at this time, although gradual expansion in business was to be looked for as the warmer weather approaches. January exports were 12,384 pounds, valued at $7,948, of which 6,500 pounds went to Japan; 1,558 pounds to Canada; 1,900 pounds to Mexico and 1,000 pounds to Uruguay.

Barrett Co. Offering Hydrogenated Products

The chemical division of the Barrett Company, this city, has announced the addition of a group of hydrogenated products to their line of coaltar materials. All are of 98-100 percent purity and have wide industrial application.

Cyclohexane and methylcyclohexane are cyclic hydrocarbons and are used in the fine chemical industry for recrystallization and extraction purposes. They are also utilized as solvents for fats, oils, waxes and crude rubber.

Cyclohexanol and methylcyclohexanol are cyclic alcohols. Because of their purity and wide application as solvents, stabilizers and homogenizers they find use in chemical and in synthesis, the soap, textile, synthetic resin, lacquer, paint and varnish, polish, printing ink, leather and rubber industries.

Cyclohexanone and methylcyclohexanone are cyclic ketones. Due to their purity and solvent and blending properties they are particularly effective in chemical synthesis, and in the cellulose and synthetic resin, lacquer, rubber, textile, printing ink and plastic industries.

Monsanto Develops New Use For Di-Potassium Phosphate

Plans for producing dipotassium phosphate in quantities sufficient for commercial use have been announced by W. M. Rand, vice-president in charge of the Merrimac division of the Monsanto Chemical Company. Making available commercial quantities of the product, he explained, has been occasioned by the development of dipotassium phosphate for use in wool processing. In this processing work the new material, he said, replaces olive oil as a fiber lubricant in the spinning operation.

Mr. Rand emphasized the point that, after spinning it is necessary to wash off the lubricant, and since dipotassium phosphate dissolves readily in water its use eliminates the necessity of putting the spun yarn through the rigorous scouring operation necessary to remove olive oil. It is claimed that a simple water wash does not mat down the fibers but leaves them more nearly in their original state.

Steel Barrel Output Up

Production of heavy type steel barrels and drums in January amounted to 749,070, against 830,979 for December and 542,969 for January, 1938. Shipments in January totaled 919,290, against 822,746 in December and 542,728 in January last year. Stocks at the end of January totaled 40,864. Output of the lighter types totaled 176,795 in January, against 148,073 in December and 156,664 in January. Shipments in January totaled 170,582 against 147,258 in December and 156,602 in January. Stocks at the end of the month amounted to 10,152, according to the Bureau of Census.

Du Pont Develops New Blasting Agent

A new blasting agent, "Nitramon" S, for seismic prospecting by the reflection method has just been announced by E. I. du Pont de Nemours & Co. It is packed in metal cans with ends which permit joining of a number of separate units before loading in the blast or shot holes. The blasting agent is claimed to be much safer to handle and use than gelatin dynamites normally used for reflection shooting. It is not an explosive in the accepted sense since it cannot be detonated by the strongest commercial detonators.

Chemurgic Conference Program Arranged

—Continued from page 5

"Potash, the Farmer's Basic Need," Dr. J. W. Turrentine, president, of the American Potash Institute, Inc., Washington.

"Raw Materials for Chemurgic Use," Dr. Charles E. Coates, of Louisiana State University.

"Tung Oil, a Most Important Crop," Dr. Charles C. Concannon, chief of the Chemical Division of Bureau of Foreign and Domestic Commerce.

"Finding the Soybean's Uses in Industry," Dr. R. T. Milner, acting director, of the United States Regional Soybean Industrial Products Laboratory, University of Illinois.

"We Who Grow Soybeans," G. G. McIlroy, president of the American Soybean Association, Irwin, Ohio.

"The Story of Soybean Oil Meal," Dr. J. W. Hayward, chairman of Soybean Nutritional Research Council, Minneapolis, Minnesota.

"The Story of Soybean Oil," H. W. Galley, chairman of the committee on trading rules—Oil, National Soybean Processors Association.

"Trend of Soybean Utilization on Southern Farms," John Gray, associate agronomist of the Louisiana Experiment Station.

"Commercial Soybean Problems in the South," G. H. Banks, Osceola, Arkansas.

"Value of Soybeans in Arkansas Rotations," Jacob Hartz of the Hartz-Thorell Supply Company, Stuttgart, Arkansas.

"Chemical Products from Pine Stumps," Robert C. Palmer, of the Newport Industries, Pensacola, Florida.

"New Masonite Products," William H. Mason of the Masonite Corporation, Laurel, Mississippi.

"Chemistry Aids Progress," Larry F. Livingston, manager of agricultural extension division, of E. I. du Pont de Nemours Company, Wilmington.

"Making Research Pay in the Dairy Industry," J. L. Kraft, president of the Kraft-Phenix Cheese Corporation, Chicago, Illinois.

"Motor Fuels From Farm Products," P. Burke Jacobs, Motor Fuels Investigation, Bureau of Chemistry and Soils, U. S. Department of Agriculture.

"Sweet Potato Starch," Dr. H. S. Paine, Chief, Carbohydrate Research Division, U. S. Department of Agriculture.

A symposium on new things will be featured by a showing by the Hercules Powder Company, Wilmington, of a film pertaining to the naval stores industry.

Sanitation Chemist Wanted by N.Y. City

Applications will be received by the Municipal Civil Service Commission on March 24 for a position of principal chemist at a salary of $5,000 a year. The duties of the position call for direction of the laboratory and personnel of the Wards Island sewage treatment works; responsibility for the execution of chemical and biological analyses and collection of other scientific data relating to the plant; supervision research and laboratory work; and the performance of related work as required.

Requirements for the position are that the applicant be graduated from an institution of recognized standing with a degree in chemistry, bacteriology, biology, engineering or other satisfactory degree, and not less than five years of satisfactory experience of a nature calculated to qualify for the duties of the position; or a satisfactory equivalent. In this connection, an appropriate master's degree will be accepted as the equivalent of two years of such experience, and an appropriate doctor's degree as the equivalent of three years of such experience.

Alcoban Advertising Barred

Advertising of "Alcoban," a medicine claimed to have virtues in the treatment of chronic alcoholism, has been temporarily restrained by an order issued March 15 by Judge John C. Bowen of the United States District Court for the Western District of Michigan, against Western Chemicals, Inc., the Moffett Sales Corporation, the Bartell Drug Company, Frank L. Wilson, N. B. Wilson, and Reuel K. Yount, all of Seattle. The order was issued pursuant to a petition of the Federal Trade Commission, which alleges that the product is dangerous to health. The matter of further injunction will be heard March 20.

Canadian floor wax and polish industry consisted of forty-six establishments in 1937, with twenty-eight plants located in Ontario, thirteen in Quebec, three in British Columbia, and one each in Alberta and Nova Scotia, with a total production value of $2,736,269, according to the Dominion Bureau of Statistics.

Trade Briefs

J. & J. Chemical Company has been incorporated to do business in Buffalo with a capital of $500,000.

Eastman Kodak Company, Rochester, plans the construction of a processing plant in Los Angeles at a cost of $150,000.

California-Engels Mining Company stockholders approved an increase in capital from 1,000,000 to 4,000,000 shares of 25 cents par value, and ratified the action of the directorate in purchasing the Groom mine in Arizona.

Innis, Speiden & Co., manufacturer and importer of industrial chemicals and allied products, this city, is distributing the March issue of Isco News, in which are many informative articles about the products of the company.

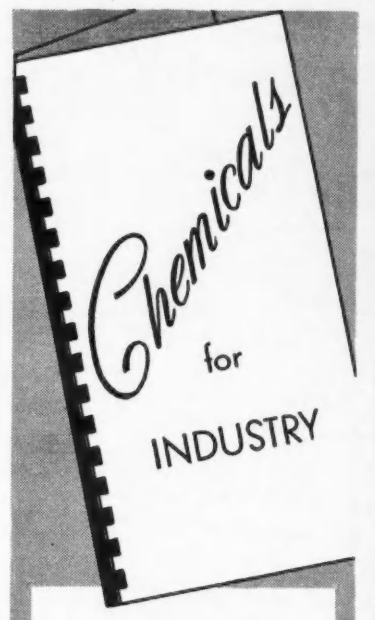
Eastman Kodak Company, Rochester, plan to offer 225,092 common shares to stockholders for subscription on the basis of one additional share for each ten shares now held. The price and record date of the offering will be made at the end of March.

Compressed Industrial Gases, Inc., has erected a new oxygen plant at Evansville, Ind., and an acetylene plant at Ivy Rock, Pa. The company also acquired the business of the Medicinal Oxygen Company, Philadelphia, according to the 1938 annual report of the company.

Procter & Gamble Company, Cincinnati, has called for redemption on June 15 half of the amount of outstanding five percent preferred stock. The company's last annual statement showed 171,569 shares of 5 percent stock outstanding, half, of which at $110, would be valued at $9,436,295.

Glyco Issues New Catalog

The latest edition of "Chemicals by Glyco" issued by the Glyco Products Company, this city, is being destributed. Enlarged to over seventy pages, "Chemicals by Glyco" describes the emulsifying agents, synthetic resins, waxes, and plasticizers, the fatty acid esters of glycerin and glycols manufactured by the company. In addition suggested formulae and other useful information for the manufacture of numerous types of products are contained in the catalog.



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Protects, identifies and advertises your products.
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BARRETT
TAR ACIDS
Barrett Tar Acids are made by America's leading manufacturer of coal-tar products. They are produced to meet highest standards of quality, uniformity and dependability . . . And Barrett's unmatched service is available to every customer. Phone, wire or write for quotations.
PHENOL
(Natural) U.S.P. 40° C. Minimum Melting Point is a pure white crystalline product generally used in the manufacture of Phenol-Formaldehyde Resins when extremely light color is necessary. Also used in the manufacture of chemicals and dyestuffs requiring material of highest purity.
39° C.M.M.Pt. Technical approximates the U.S.P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopoeia specifications.
82-84 per cent and 90-92 per cent Technical—grades which contain limited amounts of Ortho, Meta and Para Cresols.
CRESOLS
U.S.P. Barrett Cresol U.S.P. not only meets U.S. Pharmacopoeia specifications but contains less than 9 per cent Phenol.
Meta-Para Cresol. Standard grades having boiling ranges of 2° C., 3° C. and 5° C. with Meta Cresol content—57 per cent, 55 per cent and 52 per cent respectively.
Ortho Cresol. Minimum Melting Point 30.4° C.
Meta Cresol. 70-75 per cent and 80-82 per cent, for chemical and synthetic resin manufacturers.
Para Cresol. 92-94 per cent and 98-100 per cent, for chemical, synthetic resin and pharmaceutical manufacturers.
Special Cresol Fractions, to meet users' specifications.
CRESYLIC ACID
Straw color and dark grades of various distillation ranges, depending on requirements. Special grades for synthetic resin manufacturers.
XYLENOLS
Boiling range 210-225° C. or narrower fractions, if desired. Also Meta Xylenol Crystals (symmetrical).
TAR ACID OILS
Carefully blended oils ranging in tar acid content from 10 per cent to 75 per cent.
THE BARRETT COMPANY
40 Rector Street, New York, N. Y.
America's leading manufacturer of coal-tar products.
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CHEMICALS

Coaltar Chemicals

Demand for Most Chemicals Remains at Moderate Levels—Coaltar Solvents Move Steadily—Pyridin Firm—Phenol Well Taken—Coaltar Colors Improve

While business in the market for coaltar chemicals displayed no general expansion last week, volume of business remained at moderate levels in most divisions of the market. Demand for basic materials was highly irregular; intermediates moved steadily, although volume was limited in most products; coaltar acids continued routine and colors showed some broadening as the demand for Spring and Summer hues became more pronounced. Pricewise the market lacked any developments.

Tar acids entering the synthetic resin and plastic industry received good attention. Phenol, some grades of cresylic and cresol were well taken. Withdrawals for the account of the disinfectant trade were not especially active for this time, but seasonal expansion was anticipated in the not too distant future. The call for coaltar solvents, including benzol, toluol and xylol, was moderate. A better inquiry for export was uncovered in some quarters. Pyridin continued in a very firm position. Dealings in tar acid oils, coaltar and pitch were routine. Refined naphthalene moved steadily to jobbing channels as preparations were made for the heavy consuming season. There was little feature to the transactions in creosote oil, although a broadening in the demand from large consumers was anticipated shortly.

Coaltar colors gave further indications of expanding moderately as the demand for Spring and Summer colors made their appearance. Preparations were going forward for the Fall season, with the 1939 woolen colors issued consisting of important basic colors grouped with lighter harmonizing shades. Intermediates were taken steadily, while volume was not particularly large. Dimethylanilin, nitrobenzene and phthalic anhydride moved in satisfactory manner. January exports of coaltar intermediates aggregated 219,950 pounds, valued at $64,739, of which Canada, Brazil, Japan and Rumania were the principal consumers. Transactions in coaltar acids were only routine.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.6	125.6	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—A firm tone continued to prevail in the market for industrial material. Shipments were moving to various consuming channels at a moderate pace. A better inquiry for export was uncovered in some quarters. January exports aggregated 1,945,176 gallons, valued at $301,409, of which 1,065,180 gallons went to Canada; 707,895 gallons to France, 134,000 gallons to Belgium, 10,712 gallons to Cuba, 23,256 gallons to Argentina, and 2,363 gallons to China.

Coaltar.—Demand for crude and refined grades remained routine. Price schedules were in conformity with those established some time ago. January exports amounted to 42,000 gallons, valued at $4,016, of which 36,674 gallons went to Canada, 1,010 gallons to Salvador, and 935 gallons to Nicaragua.

Creosote Oil.—The market gave little evidence of expanding and major consumers were marking time. Seasonal demand from railroads and utilities was expected to get under way shortly. Quotations were without change. January exports totaled 508,273 gallons, valued at $65,794, of which 501,981 gallons went to Mexico, 3,858 gallons to Cuba, 783 gallons to Canada, and 831 gallons to Republic of Panama.

Cresol.—Business was spotty in this direction and there was little disposition on the part of consumers to place commitments beyond nearby requirements. Quotations were in conformity with those prevailing previously.

Cresylic Acid.—The synthetic resin and plastic industry were representative buyers for some grades of acid. However, the call from the disinfectant trade and other consumers was not particularly active. Domestic quotations were unchanged. No further easiness developed in the imported material and business was sluggish.

Naphthalene.—The usual seasonal movement of refined grade continued to provide the chief stimulus to the market. Dealings in the crude were only fair. Quotations were without change. Nothing of importance took place in the import market. What little business developed was transacted around the $1.55 per 100-pound level established a few weeks ago.

Phenol.—Volume of business was at relatively good level throughout the past week. The synthetic resin and plastic trade provided a steady interest. No change was disclosed in the quotations. January exports aggregated 7,939 pounds, valued at $1,141, of which 2,107 pounds went to the United Kingdom, 4,300 pounds to Hongkong, 450 pounds to Mexico and 922 pounds to Cuba.

Pitch, Coaltar.—Little of interest transpired in the market last week, business being usually confined to modest proportions. Prices ruled unchanged. January exports were 581 tons, valued at $11,649, of which 287 tons went to France, 192 tons to Canada, and 83 tons to the United Kingdom.

Pyridin.—Firmness continued to characterize dealings in this direction and sellers were having no difficulty disposing of available supplies.

Tar Acid Oils.—Transactions were about fair, but the call from the disinfectant trade was expected to show some seasonal expansion within the near future. Prices were unchanged.

Toluol.—A steady demand remained in evidence and consumers were entering the market for moderate quantities. Improvement in the automotive industry was an encouraging factor. Quotations were unaltered.

Xylol.—Withdrawals from the surfacing coating trade was moderately active last week. The market remained in a favorable position and quotations were well sustained.

Chicago Coaltar Bases

Coaltar bases remain quiet, with a generally firm undertone. Inquiry for material to fill future needs has been along such lines as to suggest that a rather good volume of business can be expected over a period. Benzol orders have been about up to expectation. Supplies remain rather large, with steel industry operations fairly good. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 20c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic.—The market continued to display a steady to firm price tone, with interest for the refined and technical materials about routine.

Broenner's.—There was little indication of any broadening in the demand. However, consumers were showing a steady inquiry for moderate quantities. Price ruled unchanged.

Cleve's.—Usual consumers provided the call for necessary quantities to meet nearby requirements. Pricewise no new developments took place.

Gamma.—Developments of importance were lacking in the market, and shipments were confined to modest quantities in most instances. No change occurred in the quotations.

Maleic.—Business was sustained at moderate levels throughout the past week, with major consumers making withdrawals against contracts. Quotations were without alteration.

Sulphanilic.—Shipments were moving

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

to various consuming channels at a fair pace last week. Prices were in conformity with those prevailing for some time.

Other Intermediates

Alphanaphthol.—Transactions in the market were usually confined to modest quantities to take care of nearby needs. Price held firm at the 52c. per pound level.

Alphanaphthylamine.—Trading in this direction underwent little change, and usual consumers supplied the call for necessary requirements. No change occurred in the prices.

Anilin.—Dyestuff manufacturers and other consumers exerted a steady demand for moderate quantities throughout the past week. A steady to firm price tone remained in evidence.

Benzidin Base.—Activity in this direction was along routine lines, and no particular expansion was evident. No change was disclosed in the quotations.

Dimethylanilin. — Shipments against contracts and spot business was fairly steady, although consumers were not showing much interest beyond current needs. Prices were unchanged.

Dinitrotoluene. — Nothing of importance transpired in the market last week, and dealings were along routine lines. Prices were well sustained, and a steady to firm tone prevailed.

G Salt. — Usual consumers provided the call for small quantities throughout the past week. Quotations were in conformity with those prevailing for some time.

Metanitroanilin.—Business in the market was usually restricted to modest proportions, although interest was steady. Sellers were adhering to quotations previously prevailing.

Nitrobenzene.—Volume of business remained at comparatively satisfactory levels, with the majority of consumers making withdrawals against contracts. Prices ruled firm.

Orthodichlorobenzene.—A steady to firm price tone predominated in this direction. Consumers were exerting a moderate demand for nearby requirements.

Orthotoluidine. — Business showed little signs of expanding, although interest was steady for small quantities

—Continued on page 30

Czech Tariff Pact May Be Rescinded

—Continued from page 3

Sudeten areas of Czechoslovakia were incorporated into Germany. This would mean that products from these areas not only would lose the special duty concessions provided in the agreement, but would also be denied the benefits of other agreements generalized to all nations except Germany. Since Germany has been designated as discriminating against American commerce, German goods do not have the benefit of most-favored-nation treatment.

Termination of the Czechoslovak tariff bargain would affect imports from a number of other countries which have had the benefit of reduced rates, ranging up to 50 percent, on a large number of items listed in that agreement.

In view of recent developments in Czechoslovakia the Bureau of Foreign and Domestic Commerce has informed its district and cooperative offices to advise American exporters to hold shipments destined for that country at European ports until the situation clears. While payments for merchandise imports have been controlled by the Czechoslovak government for some time, it is expected that the regulations will now be more rigid, the Department of Commerce says.

Chemical Supply Co. Formed

The Industrial Chemical Supply Company, Los Angeles, Calif., has been formed with Clifford L. Ach as president and W. G. Stidston and W. L. Randolph as vice-presidents. The company will act as manufacturers' agent and jobbers, and has established its own warehouse. Mr. Ach has been identified with the chemical jobbing business for eighteen years, and Mr. Stidston and Mr. Randolph, fourteen and thirteen years, respectively.

Medicinal and toiletry importers and dealers in Lithuania have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at 10 cents.

These exclusive features of

J & L CXP TRADE MARK BENZOL

increase your production, cut processing costs and assure you a better product

Here is a Benzol completely free of corrosive compounds—that will keep your stills running on a continuous maximum production basis—with fewer shut-downs for cleaning.

J & L CXP Benzol is made by an exclusive process giving it a high degree of purity that marks it as one of the outstanding chemical achievements of the day.

You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol—always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed—Freezing Point 5.30° C—Boiling Range, less than 1° C—Bromine Index 3.

Write us on your letterhead and we shall be glad to send you a free sample of J & L CXP Benzol.

J & L—ALWAYS MAKING FINER CARBON STEELS FOR NEW AND BETTER USES

JONES & LAUGHLIN STEEL CORPORATION

PITTSBURGH PENNSYLVANIA

MAKERS OF HIGH QUALITY IRON AND STEEL PRODUCTS SINCE 1850

SYNTHETIC RESINS · ANTISEPTICS · DRUGS · DISINFECTANTS · PLASTICIZERS · DYES · SOLVENTS

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LACQUER · ANTI-OXIDANTS · DISINFECTANTS · SOAP

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· ANIMAL DIPS

RESINS · ANTISEPTICS

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PLASTICIZERS · LACQUER · ANTI-OXIDANTS · PURIFICATION · ANIMAL DIPS

TAR ACIDS
Phenol · Cresol
Cresylic Acid

TAR ACID OILS

OF EXCEPTIONAL UNIFORMITY

BECAUSE . . .

1. Koppers controls coal mines . . .
2. Operates coke ovens with coal from these mines . . .
3. Produces tar from these coke ovens . . .
4. Separates acids from this tar . . .
5. Refines these acids in large volumes in a thoroughly modern plant put into operation late in 1937.

PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.

CRESYLIC ACID Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one per cent.

TAR ACID OILS Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.

Koppers position, due to raw materials and modern plant equipment, is exceptional for special cuts or fractions. Inquiries solicited and welcomed.

KOPPERS COMPANY · PITTSBURGH, PA.

KOPPERS CHEMICALS AND SOLVENTS

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (Including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling. Insecticide Grades—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber.

Coaltar Chemicals

Other Intermediates

—*Continued from page* 29

in most directions. Pricewise a steady to firm tone governed the transactions.

Paratoluidin.—There was little new to report in the market, with business routine and prices in line with those established some time ago.

Phthalic, Anhydride.—Major consumers, particularly the synthetic resin and plastic trade, were displaying a good demand last week. Quotations were maintained at previous levels.

R Salt.—Dealings in the market were strictly routine. Pricewise no change materialized, and a steady to firm tone ruled.

Thiocarbanilide.—While business gave little signs of expansion, transactions were maintained at a steady pace for moderate quantities. Prices were unchanged.

Xylidin, Mixed. — Dealings were strictly routine in the market and quotations were fully maintained at the levels established previously.

Coaltar Colors

Demand for coaltar colors displayed some expansion last week. The call for Spring and Summer colors continued to make its appearance, and preparations were well under way for the Fall season. A steady to firm price tone governed the transactions. The Fall 1939 woolen collection, issued by the Textile Color Card Association, will feature the Americana colors. The colors are divided into two groups captioned Atlantica and Pacifica. The former comprises ocean turquoise, Florida violet, Carolina clay, Virginia green, Atlantic tan and Rico mauve, while the latter embraces Alaska gold, California rose, Hawaii blue, Pacific sand, Malibu blue and Pago red. Duotones, consisting of an important basic color grouped with a lighter harmonizing shade, will make up the body of the 1939 Fall woolen card. January exports of coaltar colors, dyes and stains amounted to 661,009 pounds, valued at $304,372.

Calco Promotes Clow

Allan B. Clow has been named advertising manager of the Calco Chemical Company, a division of the American Cyanamid Company. In assuming his new responsibilities, Mr. Clow, who has been manager of the household products division for six years, succeeds E. T. Nettleton. Mr. Nettleton joins the Charles W. Hoyt Company, advertising agency for the Calco company.

Mathieson Alkali Promotes Drummond and Larson

Donald W. Drummond has been placed in charge of sales of the carbon dioxide and gypsum products divisions of the Mathieson Alkali Works, this city. He succeeds George W. Dolan,

D. W. Drummond Charles H. Larson

who relinquished the post in order to devote more time to his executive duties as assistant to the president. Charles H. Larson has been promoted to manager of the consignment department. He succeeds De Witt Thompson, who was made an assistant general manager of sales.

Casein glues will not be represented as waterproof by two manufacturers, one in Chicago and one in Seattle, which have entered into stipulations with the Federal Trade Commission following changes that neither glue is waterproof nor impervious to water.

Soap Output Gained Sharply in 1937

Production in the soap industry amounted to $301,291,547 in 1937, compared with $239,152,130 in 1935, according to Biennial Census of Manufacture, just released by the Bureau of Census. Production by kind, quantity and value follows:—

	1937.	1935.
Bar soaps:—		
Toilet soaps:—		
Pounds	360,610,753	352,976,104
Value	$62,805,065	$53,324,747
Laundry soaps:—		
White:—		
Pounds	488,979,981	420,524,270
Value	$28,192,491	$19,937,359
Yellow:—*		
Pounds	633,441,319	713,540,726
Value	$33,195,616	$31,402,714
Granulated, powdered and sprayed soaps:—		
Pounds	743,194,783	503,117,738
Value	$68,408,836	$45,283,702
Soap chips and flakes:—		
Packages:—		
Pounds	274,275,994	307,274,876
Value	$28,207,372	$25,615,968
Bulk:—		
Pounds	116,179,494	151,659,892
Value	$9,797,688	$10,713,357
Washing powders:—		
Packages:—		
Pounds	146,924,947	132,681,612
Value	$6,582,021	$5,335,464
Bulk:—		
Pounds	83,504,344	86,366,692
Value	$2,481,397	$2,210,182
Cleansers and scouring powders containing soap:—†		
Packaged:—		
Pounds	157,039,241	196,233,597
Value	$6,254,838	$6,186,478
Bulk:—		
Pounds	21,307,024	37,353,855
Value	$917,323	$1,501,227
Shaving soaps, total value	$9,729,538	$9,218,385
Stick powder and cake, total value	$1,954,272	$2,273,911
Quantity reported:—		
Pounds	5,075,521	6,152,233
Value	$1,954,272	$2,119,581
Quantity not reported, value	.....	$154,330
Cream (soap base), total value	$7,775,266	$6,944,474
Quantity reported:—		
Pounds	9,555,764	6,716,026
Value	$7,775,266	$5,695,920
Quantity not reported, value	.....	$1,248,554
Liquid soaps, not including packaged shampoos, total value	$2,398,086	$1,972,821
Quantity reported:—		
Pounds	29,224,168	22,592,738
Value	$2,398,086	$1,523,154
Quantity not reported, value	.....	$449,667
Soap stock or soap base, made for sale as such:—†		
Pounds †	4,321,988	3,665,376
Value†	$346,947	$270,406
Bar cleansers containing soap:—		
Pounds	5,446,732	9,882,633
Value	$410,544	$471,684
Hand pastes or mechanics' pastes:—		
Pounds	16,930,579	14,174,407
Value	$1,062,295	$792,004
Textile soaps, including potash and foots soaps for textile manufacture:—		
Pounds	60,016,699	70,052,236
Value	$5,309,816	$5,350,238
Potash soaps, other than textile and liquid:—		
Pounds	25,071,652	20,803,830
Value	$2,156,599	$1,483,537
Soap not reported according to classifications above, value	$3,320,762	$2,537,917

* Consumption of rosin used in the manufacture of soap in 1937 amounted to 75,450,320 pounds. No data available for 1935.
† Produced by establishments classified in the soap industry only.

DuPont Business Gained 25% in January-February

Wilmington, March 13, 1939

Business of E. I. duPont de Nemours & Co., in the first two months of 1939 was approximately 25 percent ahead of the corresponding period a year ago, W. S. Carpenter, jr., chairman of the finance committee, told stockholders at the annual meeting today. He added, however, that the first two months in 1938 were "very bad." It was developed that the company planned an expenditure of $28,000,000 to $30,000,000 for extensions and betterments in 1939. This would compare with an expenditure of approximately $21,000,000 for the same purpose in 1938.

Chemical Society to Hold New Drug Law Symposium

—*Continued from page* 5

veyed by F. O. Anderegg, consultant on building materials. Research on urea-formaldehyde-alkyd enamels will be reported by T. S. Hodgins, A. G. Hovey, and P. J. Ryan.

Studies of nitrocellulose lacquers will be outlined by V. W. Ware and W. M. Bruner, of the du Pont company, and by Henry H. Nelson, of the Sharples Solvents Corporation. A typical paint dispersion of a titanium dioxide pigment will be shown by S. W. Martin, of the National Lead Company. The best particle size for maximum hiding power and whitening strength of white pigments will be discussed by Harlan A. Depew and A. C. Eide, of the American Zinc Sales Company. The use of coated glass cloth in studying the change of permeability of organic surface coatings after exterior exposure or accelerated weathering will be told by Henry F. Payne, of the American Cyanamid Company, Stamford, Conn.

The paint and varnish division will have a total of twenty-six papers.

"Potassium Metaphosphate: Potential High-Analysis Fertilizer Material" is the subject of a paper which S. L. Madorsky and K. G. Clark will present before the division of industrial and engineering chemistry at 2:30 p.m., April 5.

An address of broad industrial interest is that on "The Chemical Industry and the Economic System," which will be given by H. R. Moulton, president of Brookings Institution, at the general meeting in the main ballroom of the Lord Baltimore hotel, the afternoon of April 3.

Allied Chemical Reports Income of $13,111,024

The Allied Chemical & Dye Corporation reported for 1938 after charges and taxes a net income of $13,111,024, equal to $5.92 each on 2,214,099 shares of capital stock. For 1937 the company had reported a net income of $24,770,845, or $11.19 a share.

The balance sheet of December 31, 1938, showed current assets of $96,852,651 and current liabilities of $9,725,652, compared with $98,683,052 and $11,351,591, respectively, on December 31, 1937. Cash was $35,773,440, against $36,947,680, while United States Government securities at cost were unchanged at $11,639,037.

H. F. Atherton, president, commenting on operations, said:—

The sharp recession experienced throughout the country in the latter months of 1937 extended into the first quarter of 1938. Although a moderate improvement occurred in the second half of the year, the volume of the company's business showed a substantial decrease as compared with 1937. Exports continued to be restricted by import license systems, tariffs and exchange regulations in the principal foreign markets.

During the year substantial additions were made to plant facilities and research was continued on a broad basis, both for the purpose of effecting operating improvements and for developing additional activities. Gross retirements from the property account amounted to $3,886,232.

REPUBLIC AMMONIUM SULPHATE

REPUBLIC STEEL REG. U.S. PAT. OFF.

ALSO

BENZOLS 1°—2°—90% - Motor

TOLUOLS Nitration-Commercial

XYLOLS 3°—5°—10°—Commercial

CRUDE NAPHTHALENE • SOLVENT NAPHTHA

Specify Niles Steel Containers for your Packaged Items

REPUBLIC STEEL CORPORATION

General Offices • Cleveland, Ohio

BRANCH OFFICES IN ALL PRINCIPAL CITIES

Shipping Points: Cleveland, Ohio • Warren, Ohio • Youngstown, Ohio Canton, Ohio • Massillon, Ohio • Gadsden, Alabama • Birmingham, Alabama

NEVILLE

2-50-W HI-FLASH NAPHTHA

Preferred in coatings because of

- Uniformly high solvent strength
- Milder, more agreeable odor
- Higher flash point
- Freedom from gummy residue
- More even evaporation rate

Guaranteeing these results

- Increased safety in manufacture
- Superior leveling and better adhesion
- Fewer complaints caused by separation of vehicle solids at low temperatures

391 *Sample requests and inquiries welcomed*

THE NEVILLE COMPANY PITTSBURGH • PA.

Dyestuffs, Textile and Leather Chemicals

Bichromate Price Schedules Carried Into Next Quarter—Logwood Firm—Egg Albumen Reduced—Sulphonated Oils Nominal—Tanning Materials Quiet

Transactions in the market for dyestuffs, textile and leather chemicals were spotty last week. There was little indication of any broader buying and consumers were apparently content to mark time and make only necessary purchases. Operations in some textile consuming industries were curtailed, while others maintained production at a steady pace. Pricewise the market held fairly steady, and the only change was recorded in egg albumen.

Quotations for bichromates will apparently be carried into the second quarter as the usual time for contract announcements passed with no indications of a change in either direction. Business in soda and potash bichromate was spotty, and volume was not as favorable as earlier in the year. Quotations for castor, olive and tallow sulphonated oils were nominal, and the unsettlement in schedules was partly attributed to the uncertainty over the proposed taxes on imported oils. The decline in egg albumen prices was due to the weakness in the shell egg market and the lack of interest. However, no change took place in egg yolk. Corn derivatives were fairly active, although the easier tone in the basic commodity brought about some hesitation later in the period. There was little feature to the dealings in natural dyestuffs, logwood moved moderately and fustic was only in fair demand. Tanning materials were not particularly active, and tanners were exerting little interest in the market. No further changes took place in gambier. Wattle bark quotations were fully maintained at the levels established the preceding period.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Albumen, egg, 1c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
142.6	143.4	145.3	154.5

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate. — Business tended toward spottiness in various grades of material, and commitments were usually restricted to meet nearby production requirements. Prices were without alteration.

Alumina Chloride.—Transactions in the crystal and solution were fairly steady, although there was little disposition to anticipate forward needs. Pricewise no change took place.

Antimony Salt.—There was little feature to the dealings in this direction, and consumers were making only small withdrawals. Quotations were in conformity with those prevailing previously.

Potash Bichromate. — Demand gave little indication of broadening last week, however, interest in the market was well sustained for moderate quantities. Quotations ruled unchanged.

Potash Prussiate. — Usual consumers supplied a fair call for the red and yellow material, but there was little indication of any substantial buying at this time. No change occurred in the quotations.

Soda Bichromate.—Business was reported as spotty in the market, and volume was not quite as satisfactory as earlier in the year. Indications were that current quotations would be extended into the second quarter. January exports totaled 397,108 pounds, valued at $25,975, of which 150,099 pounds went to Newfoundland and Labrador; 40,388 pounds to Peru; 69,556 pounds to Canada, and 33,378 pounds to Sweden.

Sulphonated Oils. — Quotations for castor, olive and tallow oils were nominal. The uncertainty regarding the proposed taxes on imported oils had a tendency to retard business, and this partly attributed to the unsettled condition in price schedules.

Dyestuffs

Archil.—The market moved through a routine period, and consumers were not extending commitments beyond nearby needs. Prices were maintained at the levels in force previously.

Cochineal.—Not a great deal good to say about activity in the market throughout the past week, and shipments were usually confined to moderate quantities. Prices ruled unchanged.

Fustic.—Withdrawals were only fair, and sellers could not point to any definite broadening in the demand. No change was disclosed in the prices.

Indigo.—Business in the market for natural and synthetic material noted no particular expansion, and transactions were strictly routine. A steady to firm price tone predominated.

Logwood. — The leather and textile trades were exerting a moderate interest in the market. Pricewise there was nothing new to divulge.

Sizing Materials

Albumen, Egg.—Quotations were reduced 1c. per pound, making the crystal 68c. to 70c. per pound, and the powdered 73c. to 79c. per pound. There was little improvement in business and consumers were confining purchases to urgent requirements.

Dextrin.—Quotations underwent no change, although the easier tone in the raw commodity market caused some hesitation. Sellers report a slightly better volume recently, reflecting the better operations in some consuming lines.

Egg Yolk.—While the tone of the market remained easy, quotations held at the 60c. to 63c. per pound level. There was little feature to the trading, and quiet conditions still prevailed in most directions.

Starch.—Various grades of material were moderately active, with some consumers broadening commitments slightly. However, the recent easiness in the corn market created an easier tone later in the week. Prices held unchanged. February corn grind of eleven refiners of syrups, starches, sugars and other derivatives of corn totaled 4,627,742 bushels, compared with 5,740,338 bushels in the preceding month and 4,977,122 bushels in February, 1938, according to the Corn Industries Research Foundation.

Tanning Materials

Gambier.—Pricewise the market underwent no further changes. Quotations for the common were nominal, and the Singapore cubes and plantation materials were unaltered. Business was about fair.

Myrobalans.—A steady price tone characterized the dealings in the market, and quotations were without alteration. Consumers were making only necessary purchases again last week.

Quebracho.—Various grades of extract were taken moderately, and there was little indication of any particular expansion. Quotations were without change.

Sumac.—Prices were in line with those established the preceding period. Demand was held to routine proportions throughout the period.

Valonia.—Little of importance took place in this direction, demand was held to modest levels, and prices ruled unchanged.

Wattle Bark.—No further changes took place in the market, and prices established recently were well maintained. Consumers were placing commitments for nearby needs only.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

I.C.I. and Courtaulds to Form Company to Make 'Nylon'

Imperial Chemical Industries, Ltd., and Courtaulds, Ltd., were reported considering the formation of a joint company for the manufacture in Great Britain of the synthetic textile fibre, "Nylon," providing negotiations with E. I. du Pont de Nemours & Co., Wilmington, holder of the patent, are successfully terminated.

Exporters Discuss Latin-American Trade

—Continued from page 3

United States had reason to be concerned by the inroads made by Germany. In Brazil, for example, the United States share of that country's total imports ten years ago was 26 percent; now it is 24 percent. In the same period, Germany's share of Brazil's imports rose from 10.6 percent to 24.4 percent. It was of timely importance, therefore, to invite Brazil's foreign minister to confer with our government on the situation created by German competition. Satisfactory arrangement of credit facilities will enable Brazil to meet her obligations and free herself from the stifling tentacles of German economic penetration, in a country which, last year, had an export balance in trade with the United States amounting to $36,000,000, he added.

Dr. Alexander V. Dye, former director of the Bureau of Foreign and Domestic Commerce and recently appointed attache of the American Embassy in London, outlined the trend of Latin-American trade for the past twenty-eight years.

George Quisonberry, vice-president of the Business Publishers International Corporation, urged the members of the club to finance an advertising and promotion program in order to acquaint the general public with the important position of the export business.

William Y. Preyer, president of the Vick Chemical Company, told a group meeting of drug and chemical export executives that the world's fair here will attract more than 500,000 foreign visitors. He asked that every effort be made to acquaint the foreigners with the progress made in improving the quality and production methods of the drug industry in this country.

Mr. Preyer concluded with a discussion of the trade relations activities of the International Drug Club and its overseas division. He said that the International Drug Club can be a liaison between those who have raw materials abroad and those of us who may possibly be interested in buying them. The International Drug Club can be established as a potent factor in building closer, more harmonious trade relations between the drug industry here and the drug markets abroad.

Paint Trade Opportunities Discussed in 'Witcombings'

The February issue of *Witcombings*, published by Wishnick-Tumpeer, Inc., this city, in its leading editorial, discusses the opportunities the New York and San Francisco world fairs would afford for the increased use of paints, inks and other products. The magazine has many other interesting articles, including a study of the safety progress made in the rubber industry.

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Oil, Paint and Drug Reporter
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Current Market Quotations

—*Continued from page 21*

Yellow, Chrome-Zircon. Oxide

Yellow, Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- -
open order .....lb. .15½- -

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Yellow Dutch, pink, bbls.....lb. .09 - .11
Hanse, bbls., same basis, chrome..lb. 1.87 - -
primrose shade, bbls., same basis, chrome..lb. 1.75 - -
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- -
B, bbls., works.....lb. .04½- -
C, bbls., works.....lb. .03½- -
yellow, A, bbls., works...lb. .02¾- -
B, bbls., works.....lb. .02½- -
C, bbls., works.....lb. .02 - -
D, bbls., works.....lb. .0195- -
E, bbls., works.....lb. .01775- -
F, bbls., works.....lb. .01½- -
G, bbls., works.....lb. .01½- -
H, bbls., works.....lb. .01⅝ -
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import..lb. .02475- -
New York (f.o.b.)..lb. .03⅛- -
ex dock Philadelphia, for import..lb. .02¾- -
Portland, Seattle ..lb. .03 - -
San Pedro, S. Francisco..lb. .0300- -
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- -
New York .....lb. .02¾- -
ex-dock Phila., for import..lb. .02¾- -
Portland, Seattle....lb. .03¼- -
San Pedro, S. Francisco..lb. .03 - -
ex whse., Balto., Boston, N. Orleans..lb. .02725- -
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03⅝- -
Minneapolis .....lb. .03¼- -
New York.....lb. .02¾- -
Pittsburgh .....lb. .03¼- -
Portland, Seattle....lb. .03⅝- -
San Pedro, S. Francisco..lb. .03¼- -
f.o.b. N. Y., from dock, lb. .02¾- -
from whse. .....lb. .02¾- -
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y..lb. .04½- -
l.c.l., same basis.....lb. .04¾- -
synth., bbls., c.l., works..lb. .06¼- -
l.c.l., same basis.....lb. .04¾- -
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - -
open order .....lb. .19 - -
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza) bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .07½- .08
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., dvld., lb. .21 - -
USP, bbls., 250 lbs.....lb. .27 - -
kgs., 100 lbs.....lb. .29 - -
Arsenite, bgs., c.l. dealers, E. of Rockies..lb. .12 - -
l.c.l., bags.....lb. .12½- -
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - -
dms. .....lb. .36 - -
kgs. .....lb. .33 - -
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - -
l.c.l., works.....100 lbs. 4.60 - -
gran., dms., c.l., works, 100 lbs. 5.00 - -
l.c.l., dms., works.100 lbs. 5.75 - -
USP, 200-lb. dms.....lb. .25 - -
25-lb. jars.....lb. .31 - -
solut., dms., wks.....lb. .04½- -
tanks .....lb. .0226- -
Cyanide, kgs., works.....lb. .33 - -
Dust, bbls., c.l., dlvd.....lb. .06½- -
l.c.l., bbls., dlvd.....lb. .07 - -
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.35 - -
jars .....lb. 4.20 - -
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd..lb. .06½- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst., lb. .06½- .07¾
bbls., c.l., dlvd....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06¼- -
l.c.l., dlvd., except Pac. cst..lb. .06⅜- -
ex whse., Pac. cst.lb. .06¾- -
bbls., c.l., dlvd.....lb. .06¾- -
l.c.l., dlvd. except Pac. cst.....lb. .06¾- -
ex whse.,Pac.cst.lb. .06¾- -
35%, bgs., c.l., dlvd.lb. .06 - -
bgs., l.c.l., dlvd.,except bbls., c.l., dlvd.....lb. .06¼- -
ex whse., Pac. cst. lb. .06¼- -
bbls., c.l., dlvd.....lb. .06¼- -
l.c.l., dlvd., except Pac. cst..lb. .06½- -
bgs., l.c.l., ex whse., Pac. cst..lb. .06½- -
50%, bgs., c.l., dlvd., except Pac. cst..lb. .0606- -
Pac. cst.....lb. .0612- -
l.c.l., dlvd., except Pac. cst..lb. .0631- -
ex whse., Pac. cst. lb. .0631- -
bbls., c.l., dlvd.....lb. .0631- -
l.c.l., dlvd., except Pac. cst..lb. .0656- -
ex whse., Pac. cst.lb. .0656- -
Zinc oxide, French process, com'l, lead-free, bgs., c.l., dlvd .....lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst..lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
green seal, bgs., c.l., dlvd..lb. .06 - -
l.c.l., dlvd., except Pac. cst..lb. .06¼- -
ex whse., Pac. cst..lb. .06¼- -
green seal, bbls., c.l., dlvd. lb. .06¼- -
l.c.l., dlvd., except Pac. cst..lb. .06½- -
ex whse., Pac. cst..lb. .06½- -
red seal, bgs., c.l., dlvd..lb. .07½- -
l.c.l., dlvd., except Pac. cst..lb. .07¾- -
ex whse., Pac. cst..lb. .07¾- -
bbls., c.l., dlvd.....lb. .07¾- -
l.c.l., dlvd., except Pac. cst..lb. .08 - -
ex whse., Pac. cst..lb. .08 - -
white seal, bgs., c.l., dlvd. lb. .06¼- -
l.c.l., dlvd., except Pac. cst..lb. .06¾- -
ex whse., Pac. cst..lb. .06¾- -
bbls., c.l.....lb. .06¾- -
l.c.l., dlvd., except Pac. cst..lb. .09 - -
ex whse., Pac. cst..lb. .09 - -
import, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse.lb. .10 - -
white seal, cks., ex whse., lb. .11 - .12¼
USP, bbls., c.l.....lb. .09¼- -
Palmitate, bbls.....lb. .35 - .38
Resinate, fused, pale, bbls...lb. .10 - -
precip., dms., dlvd.....lb. .15 - -
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - -
l.c.l., 1 ton.....lb. .21 - -
1,000-2,000 lbs.....lb. .22 - -
less than 1,000 lbs..lb. .23 - -
U.S.P., bbls.....lb. .21 - .32
Sulphate, cryst., bgs., c.l.100 lbs. 2.75 - -
l.c.l. .....100 lbs. 3.50 - -
bbls., c.l. .....100 lbs. 2.90 - -
l.c.l. .....100 lbs. 3.65 - -
flake, bgs., c.l. .....100 lbs. 3.10 - -
l.c.l. .....100 lbs. 3.85 - -
bbls., c.l. .....100 lbs. 3.25 - -
l.c.l. .....100 lbs. 4.00 - -
powd., bgs., c.l.....100 lbs. 4.35 - -
l.c.l. .....100 lbs. 5.10 - -
bbls., c.l. .....100 lbs. 4.50 - -
l.c.l. .....100 lbs. 5.25 - -
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .07½- -
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .06¼- -
bbls., c.l. (20 tons), dlvd..lb. .06½- -
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .06¾- -
Sulphocarbolate, NF, bbls....lb. .24 - .30
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - -
l.c.l. works .....100 lbs. 5.50 - -
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - -
l.c.l., dlvd., except Pac. cst..lb. .05½- -
ex whse., Pac. ct..lb. .05¼- -
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.75.00 -100.00
white, 98%, rgd., kgs., works, lb. 1.30 - 2.00

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the March 6 issue; the next printing will be in the April 3 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 33.

Trade Briefs

Venezuelan-Mexican Oil Corporation stockholders will vote April 10 on a proposal to change the name of the company to the Wichita River Oil Corporation.

General Foods Corporation plans the erection of an addition to its plant in Hoboken, N. J., for the manufacture of cans and containers at an estimated cost of $250,000.

C. P. Gulick, chairman of the board of the National Oil Products Company, Harrison, N. J., has been appointed to a five year term on the East Orange, N. J., Board of Education.

Pierce Petroleum Corporation stockholders have approved a resolution of directors calling for the dissolution of the corporation and in connection with its liquidation.

Phillips Petroleum Company, Bartlesville, Okla., stockholders will vote April 25 on a proposal to increase the authorized common stock from 5,000,000 to 7,500,000 shares.

Standard Oil Company of Ohio plans the erection of a series of buildings at a cost of $400,000 in Bon Hill, near Cincinnati, to be used for centralized distribution purposes.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Six-hundred-thirty-seventh Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Betanaphthyl Thiocyanate

Paper

Inhibitor (Brit. 466877) of—
Deterioration of paper through the action of light or during storage

Bis-(betathiocyanoethyl) Succinate

Insecticide

Starting point (Brit. 478604) in making—
Insecticides and plant fungicides useable in sprays, dusting powders, or emulsions

Chloroethyl Phosphate

Ceramic

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

High-boiling solvent and plasticizer (Brit. 475523) for—
Cellulose esters and ethers

Cosmetic

High-boiling solvent and plasticizer (Brit. 475523) in—
Nail enamels and lacquers containing cellulose esters as base material

Electrical

High-boiling solvent and plasticizer (Brit. 475523) in—
Insulating compositions, containing cellulose esters, used for covering wire and in making electrical machinery and equipment

Glass

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

High-boiling solvent and plasticizer (Brit. 475523) in—
Adhesive compositions containing cellulose esters or ethers

Leather

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

High-boiling solvent and plasticizer (Brit. 475523) in—
Coating compositions, containing cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

High-boiling solvent and plasticizer (Brit. 475523) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose esters or ethers

Paper

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

High-boiling solvent and plasticizer (Brit. 475523) in making—
Films from cellulose esters or ethers

Plastics

High-boiling solvent and plasticizer (Brit. 475523) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose esters or ethers

Resins

High-boiling solvent and plasticizer (Brit. 475523) in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

High-boiling solvent and plasticizer (Brit. 475523) in—
Compositions, containing cellulose esters or ethers, used as protective and decorative coatings on woodwork

Dibetanaphthylparaphenylenediamine

Chemical

Reactant in—
Organic syntheses

Paper

Antioxidant (Brit. 468450) for—
Rosin sizes

Dibutyl Peroxide

Fuel

Activating agent (Brit. 443562) for—
Diesel motor fuels

Ethylpyridinium Chloride

Chemical

Catalyst and solubility promoter (Brit. 461436) in making—
Cellulose ether-esters said to be particularly resistant to water, acids, and alkalies

Magnesium Double Salt of Para-aminobenzoic Acid and Adipic Acid Monoanisylester

Pharmaceutical

Claimed (Brit. 467080) to have therapeutic properties

Methyl Tartrate

Chemical

Reactant in—
Organic syntheses

Food

Volatility reducing agent (Brit. 435272) for—
Flavoring agents used in food preparations, such as jellies, jams, puddings, desserts, preserves, and the like

Nitropropanes

Cellulose Products

Solvent (U.S. 1967667) for—
Cellulose derivatives

Chemical

Starting point (U.S. 1967667) in making—
Aldehydes by reduction in alkaline mediums
Amines by reduction in acid mediums
Ketones by reduction in alkaline mediums
Synthetic organic chemicals

Paint and Varnish

Solvent (U.S. 1967667) in—
Varnishes, dopes, and lacquers containing cellulose derivatives

Petroleum

Addition agent (U.S. 1967667) in—
Diesel motor oils
Selective solvent (U.S. 1967667) in—
Lubricating oil purification

Para-aminodiphenylamineorthosulphonic Acid

Dye

Intermediate in—
Dye syntheses
Starting point (Brit. 473525) in making—
Nonbronzing disazo black dyes for silk and wool

Phenylethanolamine

Chemical

New amine suggested for use in organic syntheses

Dye

Starting point in making—
Azo dyestuffs
Dyes for acetate rayon

Strontium Double Salt of Parahydroxybenzoic Acid and Malonic Acid Monoethylester

Pharmaceutical

Claimed (Brit. 467080) to have therapeutic properties

Tributyl Phosphate

Cellulose Products

Adherance improver for—
Nitrocellulose films, coatings, and other products
Flammability reducer for—
Nitrocellulose films, coatings, and other products
Minimizer of—
Yellowing tendency of nitrocellulose films on exposure to light
Plasticizer for—
Nitrocellulose

Ceramic

Plasticizer in—
Compositions, containing nitrocellulose, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer for—
Nitrocellulose

Cosmetic

Plasticizer in—
Nail enamels and lacquers containing nitrocellulose as base material

Electrical

Plasticizer in—
Insulating compositions, containing nitrocellulose, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer in—
Compositions, containing nitrocellulose, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer in—
Adhesive compositions containing nitrocellulose

Leather

Plasticizer in—
Compositions, containing nitrocellulose, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metal Fabricating

Plasticizer in—
Coating compositions, containing nitrocellulose, used for protecting and decorating metallic articles

Miscellaneous

Antifoaming agent for various purposes
Plasticizer in—
Coating compositions, containing nitrocellulose, used for protecting and decorating various products

Paint and Varnish

Plasticizer in—
Paints, varnishes, lacquers, enamels, and dopes containing nitrocellulose

Paper

Plasticizer in—
Compositions, containing nitrocellulose, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer in making—
Films from nitrocellulose

Plastics

Plasticizer in making—
Laminated fiber products
Molded products
Plastics from nitrocellulose

Resins

Plasticizer in—
Resin-cellulose derivative compositions and solutions

Rubber

Plasticizer in—
Coating compositions, containing nitrocellulose, used for decorating and protecting rubber articles

Stone

Plasticizer in—
Coating compositions, containing nitrocellulose, used for decorating and protecting artificial and natural stone

Textile

Plasticizer in—
Compositions, containing nitrocellulose, used in the manufacture of coated fabrics

Wood

Plasticizer in—
Compositions, containing nitrocellulose, used as protective and decorative coatings on woodwork
Plastic compositions, containing nitrocellulose, used for many filling and repairing purposes on wood

Trichlorobenzyl Cyanide

Chemical

In organic syntheses

Electrical

Fixative (Brit. 473441) in—
Dielectric insulating materials made with—
Chlorinated diphenyl
Chlorinated diphenyl oxide
Chlorinated naphthalenes
Trichlorobenzene

The Broader the Base The Greater the Stability

A lead pencil will not stand on its end as well as a can of pork and beans. Just a simple matter of physics — the area of the base must be adequately proportioned to the height to give stable equilibrium.

It's the same way with a business — confined to too narrow a field, it cannot stand up under the winds and wobblings of economic changes.

The business that is limited to a small section of its potential markets, be the section geographical or industrial, will suffer excessively from adverse influences. Drought or flood may wipe out the purchasing power of its chosen locality. The wage sources of the neighborhood may be moved to other places —as when the cotton textile mills went South. The business that is spread widely can withstand local adversities.

The most unstable foundation for a business is that which unnecessarily confines it to one industrial market. When, as is very often the case, that market runs into a particular slump, the one-prop business is stripped of all support.

Technical progress may bring severe slumps to one or another industry at any time — It has brought many — Some of these marked economic epochs; but the industrial upheaval caused by the development of cellulose lacquers, or synthetic resins, was, in the area affected, as serious as was the effect of the automobile on buggy-making.

One leg's not enough!

Industrial materials are continuously being displaced. Their ousting may mean only a shift of scene, but it is a wipe-out for the seller who is known to but the one consuming group.

The wise producer knows all actual and potential markets for his material.

He sets himself to well-proportioned tasks of development in all these fields — he must be known, as well as know.

He builds broadly for the best and fears not the day when, in a pet industry, the worst may come.

He does not set all his eggs under one hen.

The industry that is biggest today as a buyer of what you have to sell may tomorrow look upon your material as a relic of antiquity. That's progress. It hurts — if you are not prepared for it.

Broaden your base!

Make yourself and your goods known everywhere that they should be.

Do your advertising in the Oil, Paint and Drug Reporter which gives you the broadest coverage, as well as the most intimate contact, among industrial consumers.

One-crop farming never did pay. Ask us how you can get diversity and directness in the same medium.

Oil, Paint & Drug Publishing Company, Inc.
59 John Street, New York, N.Y.

Paints and Pigments Production Statistics

(Continued from March 13 issue)

The production of pigments, paints and varnishes and related products totaled $552,595,703 in 1937, as compared with $423,168,015 in 1935, according to figures from the Biennial Census of Manufactures, released by the Bureau of Census. Production by kind, quantity and value in 1937 as compared with 1935 follows:—

	1937.	1935.
Coal-tar color lakes, total value	$3,057,812	$1,867,062
Peacock blue, total product'n, pounds	1,626,740	931,143
Made and consumed in same establishments, pounds	84,956	101,879
Interplant transfers—		
Pounds	657,373	
Value	$363,603	
Made for sale—		829,264
Pounds	884,411	$473,842
Value	$490,041	
Persian orange, total product'n, pounds	596,198	530,665
Made and consumed in same establishments, pounds	189,144	195,552
Made for sale and for interplant transfer—		
Pounds	407,054	[3]335,113
Value	$158,611	$131,543
Scarlet 2R, total product'n, pounds	823,181	380,245
Made and consumed in same establishments, pounds	48,134	38,297
Made for sale and for interplant transfer—		
Pounds	775,047	341,948
Value	$225,907	110,657
Alizarine, total production, pounds	90,425	
Made and consumed in same establishments, pounds	8,449	
Made for sale and for interplant transfer—		
Pounds	81,976	
Value	$105,962	
Azo bordeaux, total product'n, pounds	367,346	
Made and consumed in same establments, pounds	22,955	
Made for sale and for interplant transfer—		[4].....
Pounds	344,391	
Value	$112,617	
Pigment scarlet, toduction, pounds	276,600	
Made for sale and for interplant transfer—		
Pounds	276,600	
Value	$162,294	
Lithol rubine—		
Made for sale and for interplant transfer—		
Pounds	422,239	
Value	$118,131	
All other, total production, pounds	2,753,489	1,640,637
Made and consumed in same establishments, pounds	115,192	110,090
Interplant transfers—		
Pounds	237,674	30,877
Value	$185,583	$35,959
Made for sale—		
Pounds	2,400,623	1,499,670
Value	$1,135,063	$1,115,061
Inorganic water-pulp colors—		
Made for sale and for interplant transfer—		
Pounds		2,558,938
Value		$252,829
Organic water-pulp colors—		
Made for sale and for interplant transfer—		
Pounds	[4].....	5,263,960
Value		$353,884
Other dry colors—		
Made for sale and for interplant transfer—		
Pounds		1,284,622
Value		$400,104
White lead (basic carbonate and sulphate)—		
Made for sale and for interplant transfer—		
Pounds	144,313,029	117,570,732
Value	$9,450,759	$5,871,441
Lead oxides, total value	$18,854,145	$11,720,159
Litharge, total production, pounds	209,844,703	165,589,828
Made and consumed in same establishments, pounds	44,216,684	14,741,771
Made for sale and for interplant transfer—		
Pounds	165,628,019	150,848,057
Value	$12,102,184	$7,733,737
Red lead, minium, and other lead oxides—		
Made for sale and for interplant transfer—		
Pounds	90,223,322	67,192,095
Value	$6,751,961	$3,986,422
Zinc oxides (Chinese white, zinc white)—		
Made for sale and for interplant transfer—		
Pounds	321,889,816	255,678,214
Value	$15,316,173	$13,071,090
Lithopone—		
Made for sale and for interplant transfer—		
Pounds	325,099,884	222,639,266
Value	$13,760,312	$14,297,118
Iron oxides (natural, and synthetic)—		
Made for sale and for interplant transfer—		
Pounds	128,891,324	112,423,238
Value	$4,067,840	$3,079,206
Other oxides—		
Made for sale and for interplant transfer—		
Pounds	328,138,379	[7].....
Value	$22,458,369	
Other mineral colors[8]—		
Made for sale and for interplant transfer—		
Pounds	152,105,207	[9]275,200,997
Value	$6,688,338	[9]$20,255,865
Fine color pigments (including vermillion and ultramarine)—		
Made for sale and for interplant transfer—		
Pounds	12,397,763	7,461,339
Value	$2,689,443	$1,542,289
Whiting—		
Made for sale and for interplant transfer—		
Pounds	123,994,630	125,683,666
Value	$866,736	$833,366
Paints, total value	$200,846,090	$158,514,474
Water paints and calcimines, dry or paste—		
Pounds	150,876,090	125,165,083
Value	$7,621,816	$5,297,701
Plastic paints—		
Pounds	15,563,978	13,220,232
Value	$1,103,321	$781,167
Varnishes, Lacquers		
Varnishes, lacquers (including enamels), and japans, total value	$226,091,338	$171,185,727
Varnishes, total value	$64,730,411	$50,025,338
Synthetic-oleoresinous, straight or modified (100% synthetic resin)—		
Gallons	23,159,690	14,539,204
Value	$25,563,595	$16,796,415
Other resinous except synthetic (100% natural resin)—		
Gallons	15,910,811	15,839,553
Value	$16,697,577	$15,349,608
Spirit, not turpentine—		
Gallons	8,447,485	7,915,591
Value	$8,757,672	$8,671,744
Other varnishes—		
Gallons	21,973,986	9,199,412
Value	$13,711,567	$9,207,571
Varnish stains—		
Gallons	2,160,801	1,763,515
Value	$3,567,419	$2,932,682
Nitrocellulose (pyroxylin) products, total value	$72,361,461	$55,916,159
Clear lacquers—		
Gallons	14,627,088	9,330,872
Value	$22,536,577	$12,862,302
Pigmented lacquers—		
Gallons	14,923,736	11,768,682
Value	$28,468,925	$25,390,038
Thinners—		
Gallons	24,145,846	18,591,545
Value	$15,630,598	$12,864,123
Lacquer bases and dopes—		
Gallons	4,057,056	2,587,557
Value	$4,758,045	$3,149,486
Other nitrocellulose products, value	$967,316	$1,650,210
Enamels, total value	$75,270,124	$55,097,453
Oils, ester-gum, and natural-resin, varnish base—		
Gallons	24,201,976	20,422,809
Value	$39,029,634	$33,078,330
Synthetic-resin (oil, straight or modified)—		
Gallons	18,196,244	11,040,123
Value	$36,240,490	$22,019,123
Drying japans and driers—		
Gallons	3,522,010	1,850,588
Value	$2,946,870	$1,705,163
Baking japans—		
Gallons	3,266,880	3,522,676
Value	$2,507,547	$2,151,304
Other products of the varnish group, value	$4,707,506	$3,357,628
Fillers		
Fillers, total value	$2,110,756	$1,158,544
Liquid—		
Gallons	252,377	292,956
Value	$236,470	$342,588
Paste—		
Pounds	16,591,855	8,201,690
Value	$1,689,348	$617,798
Dry—		
Pounds	13,872,066	8,978,373
Value	$184,903	$198,158
Putty—		
Pounds	90,544,189	71,841,116
Value	$3,683,418	$2,871,865
Bleached shellac—		
Pounds	14,639,005	12,524,732
Value	$2,664,351	$2,425,032

[3] Not called for separately on schedule. Included in "All other" coaltar color lakes.
[4] Not called for on schedule in 1937. Quantity and value distributed in other items.
[7] Included in "Other mineral colors."
[8] Includes zinc sulphide, barytes, and mortar colors.
[9] Includes aluminum powders not mentioned in note 8.

Oleomargarine Industry Noted Improvement in 1937

Manufacturers of oleomargarine reported a moderate increase in wages and a considerable increase in value of production for 1937 as compared with 1935, according to perliminary figures compiled from returns of the recent Biennial Census of Manufactures, released by Director William L. Austin, Bureau of the Census, Department of Commerce. The number of wage earners employed in this industry in 1937 was 1,214, an increase of 3.2 percent as compared with 1,176 reported for 1935, and wages paid, $1,606,804, exceeded the 1935 figure, $1,302,954, by 23.3 percent. The total value of the products of the industry for 1937, $44,562,694, exceeded the 1935 figure, $32,402,226, by 37.5 percent.

Trade Briefs

Ben James, former staff writer for *The Country Home* magazine, has been made associate editor of the *National Fertilizer Association News.*

Dow Chemical Company, Midland, Mich., listing of 1,031,988 no par value common shares on the San Francisco Stock Exchange has been approved.

Kootenay Petroleum, Ltd., Winnipeg, Canada, plans an issue of 800,000 shares of $1 par common stock, the proceeds to be used for development and drilling.

Australia has agreed to advance $67,000 to a West Australian oil company to assist in a program of drilling for oil in the Kimberly district of West Australia.

Monsanto Chemical Company, St. Louis, series B cumulative preferred no par value stock has been admitted to trading on the New York Stock Exchange.

Obituaries

Dr. Arthur E. Hill

Dr. Arthur E. Hill, professor of chemistry at the College of Arts and Pure Sciences of New York University, and head of the university's graduate school chemistry department, died March 16 in his home after a month's illness. He was fifty-eight years of age.

Born in Newark, N. J., Dr. Hill was graduated from New York University in 1901 with a B.S. degree, and received his M.S. degree two years later from the same institution. He won a Ph.D. degree from the University of Freiburg, Germany, in 1904. He started his career with the New York University in the same year. He had been on the faculty of New York University since 1904, with the exception of 1918-19, when he served in the Chemical Warfare Service, Washington. Dr. Hill, who was prominently identified with research in the solubility of gases, liquids and solids in liquid solvents, was chairman of the division of inorganic and physical chemistry of the American Chemical Society in 1904, chairman of the New York section of the society in 1931 and associate editor of the *Journal of American Chemical Society* in 1923-33.

Surviving are his wife, one daughter and a son.

Estelle Johnson

Miss Estelle Johnson, secretary of the Ruberoid Company, this city, died of pneumonia March 14. She was seventy years of age. Born in Brooklyn, Miss Johnson was educated in the public school system there.

Her only position was with the Ruberoid concern. It was founded as the Standard Paint Company by the late Ralph L. Shainwald in 1886 at South Bound Brook, N. J., in a small plant. He was at first the only salesman for the company, which made asphalt paint, and Miss Johnson, his stenographer and general office assistant, constituted for a time the entire staff of the company's small New York office in Maiden Lane. Promoted from time to time, she became secretary of the corporation in 1924. The company now operates eleven plants, employs more than 2,500 persons and distributes more than one hundred kinds of asphalt and asbestos building products.

There are no immediate survivors.

Dr. Thomas W. Welsh

Dr. Thomas W. Welsh, consulting metallurgical chemist, died unexpectedly in his home in Ithaca, N. Y., March 14. Dr. Welsh was stricken with a heart attack while driving his automobile home late Tuesday. He was fifty-eight years of age.

Dr. Welsh was graduated from Cornell University in 1908 and took his Ph. D. degree here four years later. He served as a captain in the Chemical Warfare Service during the World War, and was in charge of the Union Carbide & Carbon Corporation's research laboratories in Long Island City for several years. Last October he moved to Ithaca after having conducted his own research laboratory in New York for three years. Surviving are his wife and one son.

Louis D. Allen, founder of the L. D. Allen Metal Works, Chicago, died in that city March 14. He was seventy-one years of age. He was former sales manager of the white metal department of the Federated Metals division of the American Smelting & Refining Company. He retired in 1926 because of ill health. Surviving are two daughters and a son.

George H. Sedgewick, chairman of the Canadian Tariff Board since 1935, died of a heart attack in his home in Ottawa, Ont., March 14. He was sixty-one years of age.

Joseph A. Wilson, a textile chemist and an authority on the manufacture of felt and dyes, died March 14 in his home in Brooklyn. He was seventy years of age. He was managing director of the American Felt Company. Surviving are five sons.

Tariff Board Analyzes 1937 Chemical Imports

—*Continued from page* 3

	Quantity. Pounds.	Value.	Countries of shipment.*
Ephedrin puracin	33	1,057	It.
Ephedrin sulphate	488	14,372	G.; UK.; S.; It.
Ergosterin	78	6,272	G.; Hu.
Ergostoxine ethanesulphanate	.....	1,760	UK.
Eschka mixture	2,220	1,741	G.
Eserine sulphate	12	3,077	S.; G.
Ethyl-di-iodobrassidate	1,323	5,107	S.
Eucalyptol	16,000	6,277	J.
Eupnine vernade	.....	1,093	F.
Extrait hinle persil	110	1,249	F.
Fenning's children's powders	.....	1,127	UK.
Fruit salts	.....	1,684	G.
Glycyrex	441	1,320	B.
Gomenol	.....	1,923	F.
Gonadotropic hormone	.....	1,768	H.; A.
Guanidine bicarbonate	1,036	2,923	G.
Haemoglobin	.....	1,287	UK.; F.
Histidine hydrochloride	125	11,375	S.; UK.
Hormone	.....	1,386	H.;G.;D.
Iron cacodylate	304	1,535	G.
Iron, reduced by hydrogen	13,228	4,845	G.
Iron sulphide	27,558	1,248	G.; B.
Kasenit (case hardening compound)	16,000	5,273	UK.
Lauritzen boiler water purifying bricks	.....	1,130	UK.; D.
Lipoid extract	.....	11,499	G.
Lipoidol	.....	5,430	F.
Magnesium citrate	.....	5,250	It.
Magnesium hydrate	50,700	6,463	UK.
Magnesium trisilicate	12,000	4,809	UK.
Malefern extract	1,872	1,666	F.; G.
Malpromol	13,382	3,102	N.
Malpronin	19,636	4,551	N.
Maprofix	4,859	1,126	N.
Medicinal inhalant	.....	21,358	UK.
2-Methyl-4-amino-5-thioformylaminomethyl pyrimidin	4	3,517	S.
2-Methyl-5-chlormethyl-6-aminopyrimidin-hydrochloride	.....	17,309	G.; HK.
Methylene chloride	50,596	6,502	G.
4-Methyl-5-oxyethyl-thiazol	.....	8,568	G.
Methyltropolin	38	3,902	G.
Oenanthol	6,872	2,105	F.
Oestrone	1	31,089	G.; D.
Oxyethyldiethylamide	3,307	1,515	G.
Pancreas powder (hemicellulose)	441	2,210	G.
Pancreatic hormone	.....	10,740	G.
Pentaerythrite	7,578	7,133	G.
Peptone	525	2,390	G.
Perchlorethylene	13,536	1,358	G.
Perhepar solution	566	2,801	Hu.
Pickling salt	99,207	2,894	G.
Pilocarpine hydrobromide	.....	1,937	S.
Pilocarpine hydrochloride	38	1,083	S.; UK.
Pituitary extract	.....	6,358	G.
Pharmaceutical noncoaltar intermediate	.....	3,909	G.
Pharmaceutical powder	2,204	1,280	F.
Potash chrome alum	116,139	4,766	G.; Cz.
Potash binoxalate	14,253	2,057	G.
Potash cyanate	5,000	3,018	G.
Potash metabisulphite	242,667	29,583	G.; UK.; Can.
Potash persulphate	17,011	1,885	G.
Potash sulphocyanate	10,568	4,844	UK.; G.
Potash sulphocyanide	4,189	1,700	G.
Progesterone	.....	20,940	G.
Ratin	.....	4,633	D.
Reducine	.....	1,112	UK.
Sandofix	2,205	2,943	S.
Sarkosine	6,182	2,465	G.
Sericosol	5,500	3,080	G.
Silver proteinate	2,206	6,417	G.
Soda acid pyrophosphate	50,120	8,234	G.
Soda cacodylate	1,310	4,253	F.; G.
Soda chlorate	1,984	11,759	G.
Soda iodopropanol sulphonate	882	2,400	F.
Soda nitroprusside	569	1,211	G.
Soda oxycholate	661	3,497	G.
Soda salt of mercury-hydroxy-methoxy-allylamide-trimethyl-cyclopentane-dicarbonic acid	220	3,393	Hu.
Soothing powders	.....	1,009	UK.
Strecker salt	.....	2,617	G.
Sulfix	28,500	1,963	N.
Sumol	38,583	8,474	N.
Superoxol reagent	96	3,093	G.
Tannin album	440	1,688	G.
Testicular extract	.....	1,370	S.
Testosterone proprionate	0.66	3,976	S.
Thallium sulphate	1,294	5,059	P.& D.;. G.
Thiourea	55,176	16,748	G.
Triethylamine	7,213	7,575	G.; B.
Valerlane compose	.....	3,115	UK.; F.
Valero	.....	8,609	It.
Vegetable essential powder	1,440	1,266	HK.
Vitamin A and D emulsion	4,497	1,026	Nor.
Vitamin B1	.....	7,299	G.
Vitamin C (ascorbic acid)	412	11,829	Can.
Vitamin C, crude	91	2,263	Can.
Yohimbine hydrochloride	281	6,354	S.; G.
Zinc ammonia chloride	392,860	12,111	B.; G.
Zinc resinate	17,446	1,071	UK.

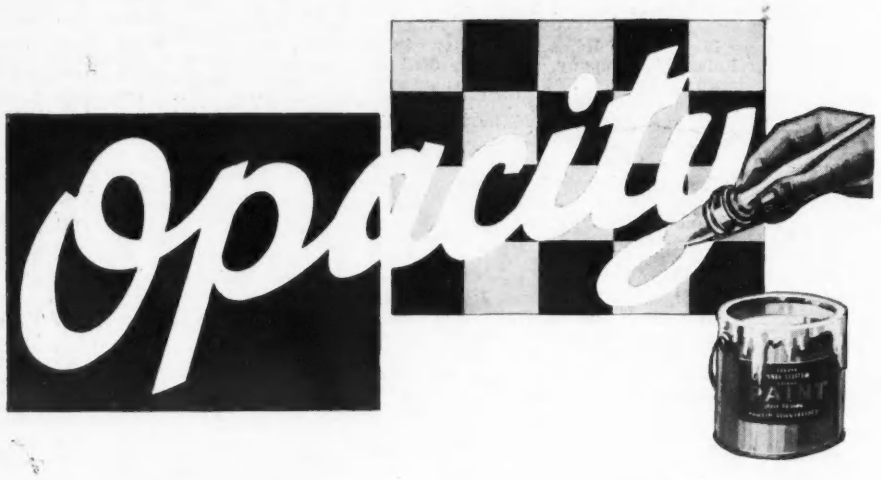
* Country of original shipment symbolized as follows:—A, Argentina; B, Belgium; C, China; Cz, Czechoslovakia; Can, Canada; D, Denmark; F, France; G, Germany; HK, Hongkong Hu, Hungary; It, Italy; J, Japan N, Netherlands; Po, Poland; S, Switzerland; UK, United Kingdom.

There's MORE HIDING POWER PER DOLLAR in TITANOX pigments

TITANOX pigments have far greater opacity than was thought possible in white pigments until a few years ago. Now it has been demonstrated that they are the outstanding representatives of titanium derived pigments. Opacity is the most evident and striking of their many desirable qualities. Constant improvement in manufacturing technique has permitted reductions in price to the point where TITANOX pigments give the highest value obtainable in hiding power.

This high opacity has made possible many paint improvements, most notable of which are development of the two-coat house paint system, and of primers which improve the performance of top coats, giving longer life to the film.

A TITANOX-B-30 pigmented primer covered by a top coat which also contains a proportion of TITANOX-B-30 gives satisfactory jobs because of the exceptional opacity which these pigments impart.



TITANIUM PIGMENT CORPORATION

Sole Sales Agent for

TITANOX-A (Titanium Dioxide)
TITANOX-B-30 (Titanium Barium Pigment)
TITANOX-C (Titanium Calcium Pigment)
TITANOX-L (Lead Titanate)
TITANOX-M (Titanium Magnesium Pigment)

111 Broadway, New York, N. Y.; Carondelet Station, St. Louis, Missouri; National Lead Company (Pacific Coast Branch), 2240 24th Street, San Francisco, California.

Are you getting a full measure of OPACITY from the pigments you are using?.....

TITANOX TRADE MARK

TITANOX THE NEW WHEEL HORSE OF THE PAINT INDUSTRY REG. U.S. PAT. OFF.

TRUST TITANOX PIGMENTS FOR WHITENESS • OPACITY • STABILITY

Paint, Varnish, Lacquer Materials

Production of Raw Materials Fairly Heavy—Most Products Show Sales Gains—Casein Market Weak—Rosin and Turpentine Firm—February Building Permits Decline from January

Manufacturers of surface coatings were operating on a higher scale last week as a result of various indications that Spring sales for most materials would be good. Inventories were fairly low, a situation which also tended to step up the production of many raw paint materials.

Good pigment sales, especially of zinc oxides, were the feature of the market last week. Most pigments were drawing better interest from buyers and orders were coming in at a healthy rate. Most other paint materials showed gains in strength with the noteworthy exception of casein which was sagging badly. Varnish gums, which for several weeks had been in a slightly shaky position, were resting in a more certain state last week as a result of added firmness in the market.

East India Batu unscraped gum, Batu nubs and chips and lead stearate were advanced in price. Rasak nubs, Batavia AE, Batavia D, alumina stearate, English vermilion, litho red toner, casein, and ester gum and plaster of paris in the New York market were all reduced in price.

Southern and local markets for turpentine and rosin were firm in the main, the trend of the former commodity being upward at times, while changes in quotations on the latter were narrow. Domestic and foreign trade was reported as somewhat more active. Receipts and offerings in Southern markets continued light.

The daily average production of carbon black in Texas during January totaled 1,049,113 pounds, according to the Railroad Commission of Texas.

The volume of building permits during February showed a substantial gain over the figure for the same month in 1938, but failed to show the customary increase over Jannary, according to Dun and Bradstreet. The aggregate for 215 cities in the United States was $81,440,858 last month, a 13 percent drop from the January figure of $93,628,089, but a 50.8 percent gain over the February, 1938, figure of $54,010,213. Estimated cost of permits issued in New York City last month was $23,210,440, almost four times the $6,085,752 recorded during February of last year.

Shellac was easier on the spot last week, quotations on T. N. and superfine closing down a small fraction. Trading in the London market was still blocked by the investigation being made by the London Shellac Trade Association into the recently unsuccessful speculation on the part of outside interests. Trading will remain blocked until the entire matter has been cleared up.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, East India Batu, unscraped, c.l., ¼c. per lb.
nubs and chips, c.l., ½c. per lb.
Lead stearate, barrels, 2c. per lb.
Rosin, gum, medium grades, 2½c. to 7½c. per 280 lbs.
Turpentine, gum, 1c. per gal.

Reduced

Alumina stearate, precipitated, 3c. per lb.
Casein, domestic, ¼c. per lb.
Gum, Batavia, AE, ⅝c. per lb.
D, ⅞c. per lb.
ester, c.l., N.Y.C., ¼c. per lb.
Singapore Rasak nubs, ⅝c. per lb.
Gypsum, plaster of paris, frt. equald., N.Y.C., $1 per ton
Red, lithol toner, barrels, 6c. per lb.
vermilion, English, 1c. per lb.
Shellac, T.N., ½c. per lb.
superfine, ½c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	**131.7**	**131.7**	**130.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The demand for pig lead slackened somewhat last week in comparison to the activity noted for several previous weeks. Although the number of sales fell off to a small extent trading was still steady and the price set two weeks ago was firm. Fractional changes in price on the London Metal Exchange did not influence local quotations.

Although the market was still considered dull for slab zinc, sales last week were well maintained. They held the high level reached two weeks ago but did not surpass it. The Prime Western Producers Committee of the American Zinc Institute reported February sales of zinc for February delivery of 3,932 tons of prime western zinc at a weighted average selling price of $.04500, basis East St. Louis, and February sales for subsequent delivery of 5,839 tons at a weighted average price of $.04500. There were also 1,070 tons sold at the average price.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from March 11 to 17, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0485@.0490	$0.0470	14 17 6
Monday	.0485@.0490	.0470	14 15 0
Tuesday	.0485@.0490	.0470	14 17 6
Wednesday	.0485@.0490	.0470	14 16 3
Thursday	.0485@.0490	.0470	14 13 9
Friday	.0485@.0490	.0470	14 12 6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from March 11 to 17, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0490	$0.0450	13 16 3
Monday	.0490	.0450	13 13 9
Tuesday	.0490	.0450	13 17 6
Wednesday	.0490	.0450	13 15 0
Thursday	.0490	.0450	13 13 9
Friday	.0490	.0450	13 11 3

Pigments

Paced by zinc oxides, pigment products were moving into consumption at a rate that was considered the fastest since the beginning of the year. All producers reported an increase in number of sales and in demands.

White Lead.—Business made noteworthy gains last week as buyers took a more active interest in the market. The price was firm and showed no tendency to change.

Red Lead.—Sales remained steady while demands for future delivery increased. Prices were unchanged by the recent advance in pig lead but the price will be advanced if the metal market shows another gain.

Litharge.—A brief flurry of ordering early in the week raised the general level of business for the whole of the seven-day period. Sellers predicted that further gains in the market would be noted around the end of this month. Pricewise the market was firm.

Lithopone.—This material was reported in a satisfactory position last week as buyers took a more active interest in ordering out stocks. The price continued steady.

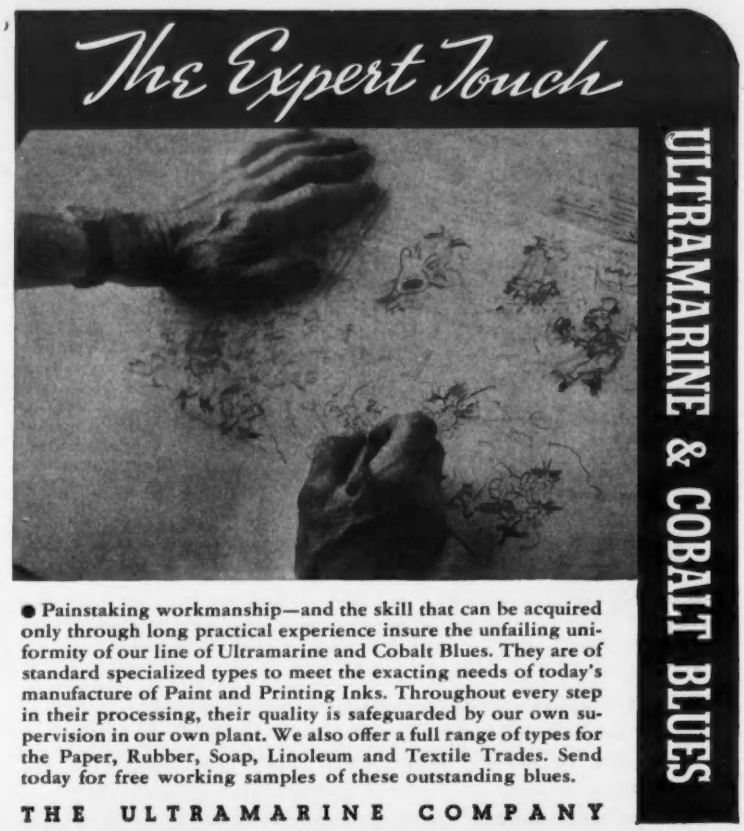
Titanium Pigments.—Noteworthy increases in the volume of sales were reported by producers last week. All prices continued firm at the quoted levels. Further increases in activity on the market is expected at the end of this month.

Zinc Oxides.—These materials set the pace in the pigment market last week as number of sales to paint, rubber, and linoleum manufacturers continued to spurt. Prices remained firm.

Fillers and Extenders

Movement of stocks into consuming channels picked up in a small way although the present demands for inert pigments and fillers were not consid-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7



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ered heavy. Plaster of Paris prices were reduced.

Barytes.—This material continued to hold the strength it has shown for the past several weeks, and continued to be the strongest in this division. Shipments increased in a small way while demand for future delivery also held up. The price was firm at the quoted level.

Mica.—Following several weeks of slackness the market for this material came to life last week and stocks began moving at a more healthy rate. Sellers reported, however, that the situation was far from satisfactory, but added that they believed the upward swing noted during the past two weeks will continue. The price remained firm at the quoted level.

Plaster of Paris.—Because of highly competitive conditions the price for gypsum plaster of paris was reduced $1 per ton in the area of New York City. The producers' price in New York is now $14 per ton, freight equalized. Prices at producing points at Acme, Texas; Blue Rapids, Kans.; Southard, Okla., and Sweetwater, Tex., continued at the quoted level of $12.50 per ton, freight equalized.

Terra Alba.—The market was considered just fair last week although it showed a slight improvement over the previous seven days. Reductions in plaster of paris had no effect on the price situation here.

Talc.—The market held strongly to its position and certain producers reported increases in sales volume. The price continued firm at the quoted level.

Varnish Gums

The situation in the market for various types of varnish gums clarified somewhat last week as buyers became more interested in offerings. Reductions were made in the prices for Batavia dammar AE and D, and in Singapore Rasak nubs. East India Batu unscraped, and Batu nubs and chips were advanced.

Copals.—East India Batu, bold, unscraped was advanced ¼c. to a new level of 4¼c. per pound for car lots. Batu nubs and chips were increased ½c. to 4¼c. per pound for car lots. Singapore Rasak nubs were reduced ⅜c. per pound to a price of 9⅝c. for car lots.

Dammars.—Batavia AE was reduced ⅜c. to a price of 11⅞c. per pound for car lots, while Batavia D was lowered ⅞c. to a new price of 12⅝c. per pound for car lots.

Asphaltum.—The undertone of the market was fairly firm and stocks were moving well. The recent strike of 700 workers at the Labrea, Trinidad, works, has been definitely settled. During the strike ships were unable to load supplies and the market in this country was effected in a small way. Conditions here, however, returned to normal as a result of the settling of the dispute.

Synthetic Resins

Because of highly competitive conditions, two sellers of ester gum lowered their price last Friday in the New York City area. The price in New York was lowered ¼c. to a level of 6c. per pound for car lots. Other sellers did not follow suit, however, but continued to quote the higher price of 6¼c. to 6¾c. per pound for car lots. It was expected that all quotations would be lowered to the smaller figure by the end of the week. In the Eastern centers outside of New York City the price continued at 6½c. to 7c. per pound for car lots, while the price in the Midwest remained at 6¾c. to 7c. per pound for car lots.

Dry Colors

The undertone of the market continued to show the upward trend that had been noted for several weeks previous to the period under review. With sales of both chemical and earth colors holding steadily, and in many cases increasing slightly each week, producers were confident that business this year will be far better than last.

Carbon Black. — Activity remained fair last week although producers saw no hope of raising the price from its very low level within the next three months at least. Although shipments were steady the low price made the market spotty.

Iron Blues.—New orders were being booked with fair regularity last week and small gains reported in the number of inquiries for future business. Pricewise the market was unchanged.

Vermilion.—Following several weeks of sharp increases in price, the English vermilion market became slack last week and the price dropped 1c. per pound. The new schedule is $1.57 per pound for 500 pounds or more in barrels, and $1.61 to $1.68 per pound for smaller lots.

Lithol Toner.—New contracts were being offered for lithol red at a price that is 6c. lower than the previously quoted figure. The new quotation was 62c. per pound for barrels on contract. The open order price was also lowered 6c. to 67c. per pound.

Driers

The market held the firmness it gained two weeks ago as stocks continued to move into consuming channels at a healthy rate last week. Alumina stearate, precipitated, was reduced 3c. per pound. The new schedule was 16c. per pound for car lots, and 17c. for l.c.l. down to one ton. The price for quantities less than one ton continued at 21c. per pound. Lead stearate in barrels was advanced 2c. to a new level of 25c. per pound.

Naval Stores

The tone of primary and local markets for naval stores was firm in the main last week. At Savannah turpentine again moved upward. Variations in rosin quotations were generally narrow. The developments of the week, however, were of a kind to create a more optimistic feeling in trade circles concerning the outlook, especially as an official announcement in connection with the expected government loan for the coming season was looked for at an early date, the recent acts of Congress in extending the loan granting powers of the RFC and the CCC, having been signed by President Roosevelt. The belief among some in the trade here was that the basis for rosin loans would be fixed at around $6.10 for grade H, and the turpentine value at 29c. per gallon in barrels and 23¾c. in bulk.

An improvement was reported in domestic trade, this applying not only to primary centers but to the market here as well. Consumers were not disposed to depart from a conservative course in making purchases, in the absence of definite announcement of the granting of the government funds to producers, but an increase was noted in the volume of orders for moderate lots. There were also reports current of an expansion in the movement in the South of rosin to makers of soaps and paper as well as other consumers. There was a fair export inquiry for rosin though the takings apparently did not involve important quantities. Receipts and offerings in Southern markets were light. Weather conditions were rather unfavorable, temperatures in some sections being abnormally low for this season.

Turpentine production in the Guadalajara district of Mexico during January was between 22,000 and 25,000 gallons, an increase of 25 percent over December, according to consular advices. January exports totaled 14,560 gallons, all of which was shipped to the United States. Stocks of turpentine on hand the end of January amounted to between 60,000 and 75,000 gallons. Gum rosin produced in January was approximately 300 tons, 110 tons of which was sold for domestic consumption and the balance shipped to foreign countries.

Turpentine.—Developments in Southern markets were reflected locally, the trend of prices here being upward at times with an increase noted in the inquiry for moderate quantities. Consumption was said to be increasing and sentiment concerning the outlook was rather more optimistic than recently. The crop movement in the South continued light.

SAVANNAH, March 17.—The turpentine market had a firm tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday.....	28¼	44	...	192	40,708
Tuesday....	28½	11	17	...	40,725
Wednesday.	28¾	47	24	117	40,632
Thursday ..	29	47	59	165	40,526
Friday	29	58	29	656	39,919

* No trading.

JACKSONVILLE, March 17.—Turpentine receipts continued light. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday.....	28¼	30	26	183	45,862
Tuesday....	28¼	49	45	2	45,905
Wednesday.	28¼	75	76	2	45,979
Thursday ..	28½	67	85	2	46,062
Friday	28½	58	99	20	46,414

* No trading.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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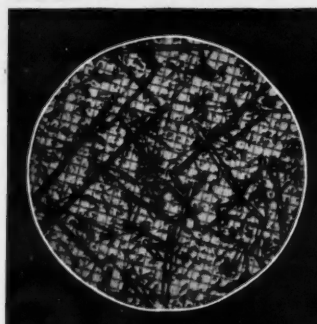

This photomicrograph shows the predominance of elongated diatoms in DICALITE.

A photomicrograph of semi-glossy film showing poor leveling and lack of continuity of sheen which goes flat only in portions (center).

A photomicrograph of an egg shell enamel in which DICALITE "L" grade was used, showing good leveling and a uniform sheen (below).

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PENSACOLA, March 11.—The turpentine market was quiet. Following is a record of the market for the week:—

	Barrels		
	Receipts.	Shipments.	Stocks.
Monday	..	161	28,626
Tuesday	6	14	28,618
Wednesday	..	...	28,618
Thursday	24	...	28,642
Friday	42	...	28,684
Saturday	2	...	28,686

CHICAGO, March 17.—Despite a certain amount of dullness in the turpentine market, prices appear to have little difficulty in holding their own. Ruling prices at the close of business last night were:—Five-drum lots, 34c. per gallon; five wood barrels, 39c.; single drums, 37c.; single barrels, 42c.

LONDON, March 17.—Quotations on turpentine were as follows:—

	Per cwt. in bbls.	
	s.	d.
Saturday	35	3
Monday	36	0
Tuesday	36	6
Wednesday	37	3
Thursday	37	3
Friday	37	3

Stocks of American turpentine in London were:—

	March 17.	Previous week.	Last year.
Barrels	25,279	25,511	35,634

Rosin.—The local market was somewhat more active last week, although many consumers and dealers were still disposed to follow a conservative course in purchasing operations. The movement of moderate lots for the week showed an increase, however, and the market presented a firm appearance. An increase was reported in the export inquiry in primary centers where receipts and offerings continued light.

SAVANNAH, March 17.—A firm tone continued to prevail in the market for rosin. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
D	3.75	3.75	3.75	3.75	3.75	3.75
E	4.00	4.00	4.00	4.00	4.00	4.00
F	4.35	4.35	4.37½	4.37½	4.37½	4.37½
G	5.60	5.60	5.60	5.55	5.60	
H	5.70	5.70	5.70	5.70	5.70	
I	5.75	5.75	5.72½	5.70	5.72½	
K	5.85	5.85	5.75	5.75	5.75	
M	5.95	5.95	5.85	5.85	5.85	
N	6.00	6.00	6.00	6.00	6.00	
WG	6.30	6.30	6.30	6.30	6.30	
WW	7.10	7.10	7.10	7.10	7.10	
X	7.10	7.10	7.10	7.10	7.10	
	Barrels					
Sales	45	149	144	205	77	
Receipts	101	285	105	395	244	
Shipments	240	100	890	699	1,866	
Stocks	280,321	289,506	288,719	288,515	286,943	

* No trading.

JACKSONVILLE, March 17.—Rosin was fairly active, with the tone of the market firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
D	3.75	3.75	3.75	3.75	3.75	3.75
E	4.05	4.05	4.05	4.05	4.05	4.05
F	4.40	4.40	4.40	4.40	4.40	4.40
G	5.60	5.60	5.60	5.55	5.60	
H	5.70	5.70	5.70	5.70	5.70	
I	5.70	5.70	5.70	5.70	5.72½	
K	5.75	5.75	5.75	5.75	5.85	
M	5.85	5.85	5.85	5.95	5.95	
N	5.90	5.90	5.90	6.00	6.00	
WG	6.25	6.25	6.25	6.25	6.25	
WW	7.05	7.05	7.05	7.05	7.05	
X	7.05	7.05	7.05	7.05	7.05	
	Barrels					
Sales	33	63	...	68	30	
Receipts	327	188	...	447	153	
Shipments	...	877	...	75	262	
Stocks	269,270	268,581	269,256	269,628	269,591	

* No trading.

PENSACOLA, March 11.—Rosin was quiet and steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	18	48	41	113	18	
Shipments	563	539	200	...	590	60
Stocks	67,780	67,259	67,107	67,148	66,671	66,629

CHICAGO, March 17.—The trend has been along somewhat stronger lines in the rosin market. Ruling prices at the close of business last night were:—B grade, $6.50 per lot of 280 pounds; G grade, $8.60; M grade, $8.95; W.W. grade, $10.10.

LONDON, March 17.—Quotations on American rosin were as follows:—

	Per cwt in barrels— Common.		W.W.	
	s.	d.	s.	d.
Saturday	14	10½	19	9
Monday	14	10½	19	9
Tuesday	14	10½	19	9
Wednesday	14	10½	19	9
Thursday	14	10½	19	9
Friday	14	10½	19	9

Pine Oil.—No broadening of trade was reported last week, many consumers still being disposed to adhere to a conservative course in making purchases. The market retained a steady tone.

Pitch.—Prices for spot material were generally steady and the situation in other respects was about as noted in the previous week, the movement to consumers generally being limited to unimportant quantities.

Rosin Oil.—Business lacked snap, but there was a fair call for moderate lots to meet the current requirements of consumers and dealers. Quotations were stationary, and the tone of the market appeared to be steady.

Tar.—Trade continued along the same conservative lines noted in recent preceding weeks, consumers still being dis-

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inclined to anticipate. The market had a steady tone.

Shellac

Spot quotations on some varieties of shellac were shaded fractionally last week. Superfine was 10½c. to 11c. per pound on spot; T. N., 10c., spot. The usual differentials covering prices in Chicago and on the Pacific Coast continued to apply. Trading in London continued at a standstill. The chairman of the London Shellac Trade Association still kept in effect the ban on trading, same to continue until such time as the adverse results of speculation by outside interests shall be cleared up. Hence, London quotations were purely nominal once more last week. Calcutta was down a small fraction on Monday and then values held steady for the greater part of the period.

Calcutta, March 17.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound	
	March 17.	March 10.
March	9⅝c.	9⅝c.

Day-to-day quotations were as follows:—

	Per pound.
March 10	9⅝c.
March 11	9⅝c.
March 13	9⅝c.
March 14	9⅝c.
March 15	9⅝c.
March 16	9⅝c.
March 17	9⅝c.

London, March 17.—Prices quoted on London standard T.N. shellac, basis of sterling exchange of $4.88, were as follows:—

	March 17		March 10	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
March	39	8.50	39	8.50
May	40	8.72	40	8.72

Day-to-day closing prices were as follows:—

	Per hundredweight	
	March.	May.
March 10	39s ..	40s ..
March 11	39s ..	40s ..
March 13	39s ..	40s ..
March 14	39s ..	40s ..
March 15	39s ..	40s ..
March 16	39s ..	40s ..
March 17	39s ..	40s ..

Lacquer Materials

Indications were that price schedules for lacquer materials and solvents would be extended into the second quarter at current levels. No price developments took place last week, and the market seemed to be stabilized at the quotations established earlier in the year. Demand held steady, although volume of business displayed no particular broadening, with consumers content to limit commitments to nearby requirements. Automotive operations continue to point upward. Indications point to a return late this month to the five-day work-week in a number of plants now operating on shorter schedules.

Acetone.—Interest in the market remained steady. However, there was no particular expansion in the volume, and most consumers were content to order for nearby requirements. Quotations ruled unchanged. January exports aggregated 1,205,203 pounds, valued at $66,123, of which 264,538 pounds went to Sweden, 361,088 pounds to the United Kingdom, 122,100 pounds to Argentina, and 224,306 pounds to Japan.

Butyl Acetate.—Commitments were usually confined to moderate proportions in this direction last week. No change occurred in the prices for the normal and secondary materials. January exports totaled 523,501 pounds, valued at $46,033, of which 113,000 pounds went to Belgium, 116,610 pounds to the United Kingdom, 154,394 pounds to Australia, and 54,989 pounds to Japan.

Cellulose Acetate.—Demand was moderately active, and business continued to display mild improvement from earlier in the year. No change was disclosed in the quotations.

Dibutyl Phthalate.—Volume of business was not particularly large, although consumers were showing a steady demand for moderate quantities to take care of current requirements.

Methyl Acetate.—No developments of consequence occurred in the market last week. Prices were well maintained at levels established earlier in the year, and demand was only moderate.

Glues and Binders

Casein.—The situation here was causing distress to producers who found themselves with large inventories on hand in the face of the new output. As a result the domestic prices were again reduced although late last week it appeared the reduction failed to bring any interest in the market. With a ¼c. reduction for the domestic material the new quotations were as follows:—20-30 mesh, c.l., delivered, 7½c. to 8c. per pound; five tons, works, 9c. per pound; and smaller lots, works, 10½c. per pound. The schedule for the 80-100 mesh was 8c. to 8½c. per pound for car lots, 9½c. per pound for five tons, and 10½c. per pound for smaller lots. Prices of the imported material continued steady.

Glues.—General business fell off slightly last week but the market as a whole was in such a strong statistical position that the slackening was of small consequence. Trade in glues continued to be one of the leaders in the raw paint materials market. No price changes were made.

Trademark Information Sought by N.P.V.L.A.

With the purpose of keeping the association's records up to date, Charles J. Caspar, chairman of the trademark committee of the National Paint, Varnish and Lacquer Association, has sent the following request for information to manufacturers of paints, varnishes, lacquers, and kindred products:—

Does the trademark bureau of your association have a record of each trade-name used by your company?

Before a new name is chosen by you, you should first consult the files of the trademark bureau to determine whether the same or a very similar name is already used by another. Your inquiry will receive our prompt attention.

When a name is adopted, you should advise the bureau of your use of the name so that a proper record may be made of it. In many instances this will help to protect you against infringement.

The attached listing form is for your convenience in sending us information about any trade-names recently adopted by your company. If you are not sure that we have a record of every trade-name you use, then list them all and a check will be made with the bureau's files and any added that we do not already have a record of.

This service is free to all concerns in the industry. It is to your distinct advantage to avail yourself of it.

Do not delay. Send us this information by return mail.

Information on trademarks, trade-names, and brand-names should be sent to the N.P.V.L.A. trademark bureau, 2201 New York avenue, N. W., Washington.

Lead Ass'n to Foster Drive For Use of White Lead Paint

A comprehensive three-year promotion campaign designed to benefit painters, paint manufacturers and dealers on a nation-wide scale will be launched early in April by the Lead Industries Association, a national organization of lead mining, smelting, refining and manufacturing companies. As a widespread movement to foster the use of white lead paint, the campaign will include the identification of white lead paint as "the most durable."

The promotional plan is being directed by Felix Edgar Wormser, secretary and treasurer of the Lead Industries Association, in conjunction with an augmented staff at the association's headquarters, 420 Lexington avenue, New York City, and Arthur Kudner, Inc., advertising agency. Speakers from the white lead industry will augment the campaign as carried by the written word in addresses before conventions of architects, builders, painters and paint dealers. They also will appear on programs of civic, luncheon, service and women's clubs.

Chemical Solvents Distributing 1939 Products Catalog

A 1939 catalog of the alcohols, solvents, and extenders distributed by Chemical Solvents, Inc., this city, has been issued. The booklet presents the physical and chemical properties of a long list of solvents used industrially. Suggestion as to the use of the various items are included in the monographs.

Materials covered in the work include ethyl and methyl alcohols, ketones, esters, petroleum and coaltar naphthas, and various chlorinated and miscellaneous solvents. It also contains a section devoted to pyroxylin and cellulose acetate solutions, a chapter giving complete information on the specially denatured alcohols, and an appendix of supplementary data often referred to in the commercial plant.

V. N. Sheets, of the Resinous Products & Chemical Company, Philadelphia, addressed the Detroit Paint and Varnish Production Club March 14 on "Factors Influencing Initial Gloss and Gloss Retention of Alkyd Films."

Natural Gas Consumption Sets New Record in 1937

The marketed production of natural gas in 1937 reached a new peak of 2,447,620,000 cubic feet, according to the Bureau of Mines. This represents a gain of 13 percent over 1936, the same relative increase as was registered in 1936 over 1935. Exports of natural gas declined materially, amounting to only 4,868,000,000 cubic feet, compared with 7,436,000,000 cubic feet in 1936. Imports from Canada were 289,000,000 cubic feet, or almost double the 1936 figure.

Consumption was 2,443,041,000,000 cubic feet, also a gain of 13 percent over 1936.

Oil Industry to Discuss Walsh-Healey Act Compliance

OPD Washington Bureau
March 16, 1939

A conference of representatives of the oil industry will be called soon by the Public Contracts Division of the Department of Labor to discuss compliance with the Walsh-Healey act.

Establishment of minimum wages is not under consideration at the present time, but the conference will deal with methods of conforming to the eight-hour provision of the law by refiners, jobbers and dealers, particularly on contracts under which the government takes delivery in small quantities over a considerable period of time.

Ambrose Co. Offers Literature On Filling, Closing Machine

The C. M. Ambrose Company, Seattle, Washington, is distributing literature describing its filling and closing machine. The Ambrose machine, with non-vibrating, free gravity strainer attached, is capable of filling containers from one-quarter of a pint to one gallon, and requires but two to three minutes to change to different sizes. Agents for the company are:—Joseph A. McNulty, 114 Liberty street, New York; Keebler Engineering Company, 1638 West Sixty-third street, Chicago, and the L. H. Butcher Company, San Francisco.

Paint Up Drive Endorsed By State Governors

Governor John E. Miles has urged New Mexico communities to start planning for the annual clean up-paint up-fix up campaign next month. He stated that he hoped a statewide campaign would be undertaken with the cooperation of community officials, organizations, newspapers and radios. Governor R. C. McMullen, of Delaware, and Governor Henry H. Blood of Utah have also endorsed the annual campaign for their respective States.

G. W. Potter has been elected a director of the Eagle-Picher Lead Company, succeeding A. E. Anderson, retired.

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Drug Wholesalers Sales Up 7.9% in January

Manufacturers' sales of pharmaceuticals and proprietary medicines during January totaled $2,283,000 as compared with $2,121,000 in January, 1938, according to Bureau of Foreign and Domestic Commerce, Washington. Inventories for the group of eleven firms reporting data on this item separately amounted to $2,343,000 at the end of January, 1939, compared with $2,837,000 at the end of January last year. The total volume of accounts receivable outstanding on January 1, 1939, amounted to $3,147,000, an increase of 6 percent over the January, 1938, total.

Sales of drugs and drug sundries by wholesalers in January totaled $7,554,000, a decrease of 1.3 percent as compared with December and an increase of 7.9 percent when compared with January, 1938, according to reports from 65 wholesalers. Stocks in the hands of wholesalers at the end of January amounted to $10,195, an increase of 2.1 percent over December but a decrease of 3 percent against January, 1938. Total accounts receivable at the end of January was placed at $10,485,000, an increase of 1.3 percent over December and a gain of 4.1 percent over January, 1938.

Average daily sales of chain drug stores in January were 0.3 percent higher than in December. January sales were down 29.1 percent from December, 1938. Reports from 2,950 independent retail drug stores in 27 States indicate a decline of one percent in sales for January as compared with January last year.

Standard Synthetics, Inc., essential oils and aromatics, this city, has opened a branch office in Philadelphia, Pa., at 1515 North Front street, under the direction of Frank E. Wilson. The company also maintains a branch in Kansas City, Mo.

Sterling Products Buys Ayer Company of Lowell

The Ayer Company, Lowell, Mass., manufacturer of Ayer's 'Pectoral,' 'Gestex,' 'Sarsaparilla,' and numerous other pharmaceutical preparations since 1841, was acquired by Sterling Products, Inc., this city, March 10. While the Sterling organization plans to operate the Ayer Company as a separate entity, the general offices of the Ayer firm, heretofore located at the plant in Lowell, will be transferred to the offices of Sterling Products, 170 Varick street, this city.

A.Ph.A. to Meet August 20-26

The American Pharmaceutical Association will hold its eighty-seventh annual meeting August 20 to 26 in Atlanta. Headquarters will be in the Biltmore hotel. Robert C. Wilson is local secretary for the meeting. Other arrangements are under the direction of the following:—Banquet, L. M. Camp; entertainment, C. H. Evans; finance, T. C. Marshall; house, D. W. Leary; publicity, R. D. Rainey; reception, R. C. Wilson; registration, L. R. Brewer.

H.E.Perry Succeeds W.S.Gray On Commercial Solvents Board

Henry E. Perry, vice president in charge of operations for the Commercial Solvents Corporation, this city, was elected to the board of directors at the annual meeting held March 16 in Baltimore. Mr. Perry has been connected with the corporation since 1922. He succeeds William S. Gray, president of William S. Gray & Co., chemical merchant, this city.

Humble Oil & Refining Company is acquiring right-of-way for a pipe line it will construct from the new Navarro Croccing field in Houston county, Texas, to an intersection with its trunk pipe line to the coast at a point near Buffalo, Leon county.

Oils, Fats, and Waxes

Consumption of Refined Cottonseed Oil Smaller Than Expected —Market Easier—Chinawood Oil Shaded—Coconut Steady Though Quiet—Lard and Oleo Oils Higher

Miscellaneous oils, fats and greases were quieter last week, a downward trend in cottonseed oil and lard futures, as well as growing opposition to the proposed increase in processing taxes on imported vegetable oils making consumers disposed, in many cases, to curtail purchases or hold aloof pending further developments. The prevailing tone was steady, changes in quotations generally being narrow. The monthly cottonseed report from the Census Bureau showed a smaller consumption of refined oil in February than had been expected.

Chinawood oil was easier abroad, and domestic quotations were lowered slightly. Perilla oil was quiet but offerings continued light and the market was steady at the recent advance. Coconut oil quotations were stationary, although business was reported as slow. Foreign cottonseed oil was still nominal in the absence of offerings.

Cash lard quotations had a downward trend at times in company with the course of prices in Chicago, changes generally being moderate. Prices for lard oil were advanced by producers, the stronger situation being due to a recent increase in the cost of basic material. Neatsfoot oil prices were irregular, some grades being raised and others lowered. Fish oil selling schedules were maintained by refiners at the levels prevailing in the previous week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lard oil, ¼c. to ½c. per lb.
Neatsfoot oil, extra No. 1, prime, ¼c. per lb.
Oleo oil, ½c. per lb.
Sardine oil, crude, 1c. per gal.

Reduced

Chinawood oil, ½c. per lb.
Corn oil, crude, ½c. per lb.
Cottonseed oil, crude, ½c. per lb.
Lard, 20c. to 25c. per 100 lbs.
Neatsfoot oil, cold test, pure, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.0	99.0	98.0	120.2

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—There were few developments of interest in domestic markets last week. Nothing very stimulating in the way of market news was received from abroad and consumers and dealers here were still disposed, in many cases, to hold aloof. The tone abroad was slightly easier, and although offerings were light, local quotations were shaded a point or two. Business was reported to have been closed in a limited way on the Pacific Coast at 14c. per pound.

A radiogram received by the Chemical Division, Department of Commerce, Washington, from the American consulate at Hankow, stated that on March 1 it was estimated that Japanese shipments of tung oil from Hankow totaled 146 short tons in January and 110 short tons in February. These shipments were reported to have been made for official Japanese use and not for resale. At the end of February stocks at Hankow remained at 13,000 short tons, of which about 333 were held by the Japanese, it was stated. The tung oil market at Hongkong during February was reported to have been quiet, according to a radiogram transmitted by the American consulate at Hongkong. Sales representatives of the Kwangsi government had approximately 500 tons in stock at the end of February. In addition, the total stock of oil held by private dealers at Hongkong was about 1,500 tons. Receipts at Hongkong, reaching the port by way of Haiphong, were reported to be increasing in considerable volume. Total January exports of tung oil from Hongkong were 7,392,951 pounds, of which 6,627,009 pounds were consigned to the United States.

Coconut.—Crude Oil was quieter, but the market retained a steady tone, quotations being maintained at former levels. There were reports of a fair movement into consuming channels on contracts, but new business was limited to small lots. Refined oil met with a fair inquiry and the market was steady.

SAN FRANCISCO, March 14.—Crude coconut oil is easier under the influence of resale material in the market, with sales through such channels reported here during the week at 2¾c. per pound in tankcars, f.o.b. Pacific Coast. Through regular supply sources, quotations rule from 2⅞c. to 3c. Copra remained steady last week, strength underlying the general situation by virtue of purchases from Europe and Mexico, reports said. Buying on the Pacific Coast was relatively light, crushers here not taking on any appreciable quantities due to the light trade in mill sales of coconut oil. Quotations are found at a variety of figures, but a standard of price is in the neighborhood of 1.825c. to 1.85c. per pound, c.i.f. Pacific Coast ports.

Corn.—Crude remained in a fairly steady position, although the market was rather quiet much of the time. Offerings continued light, however, and quotations were generally held at or a shade under former levels. There was a fair inquiry for refined oil and the market ruled steady.

Cottonseed.—Purchasing of edible oil was generally limited to moderate quantities, the movement of such lots being fair and apparently up to that of recent preceding weeks. Quotations were unchanged. Offerings of foreign semi-refined oil were light, with 3.70c. a nominal quotation on Brazilian oil for bulk shipment.

Oiticica.—The market retained a steady tone. There were reports of a fair inquiry for moderate lots for prompt shipment to local and other buyers. Importations during January, according to official statistics, were 670,320 pounds.

Palm.—Price movements were narrow, the tone of the market being steady. Occasional inquiries were noted for small or moderate lots of spot oil. Offerings for shipment remained light, with quotations still mainly nominal.

Perilla.—Demand was quieter, but there was no increase in offerings and the market retained a steady tone, quotations generally being held at former levels. Importations during January were 3,892,856 pounds.

Soybean.—There were reports of some increase in the movement into consuming channels on contracts, but new business was quiet. The market had a steady tone. The tendency of soybean prices in the West was reactionary after the recent sharp advance.

Teaseed.—Trade was quieter, but offerings were reported as light on spot and for shipment, and the market remained steady. Importations during January were 689,898 pounds.

Markets at Other Centers

San Francisco, March 14.—The firm tone ruling in vegetable oils ran into some resistance here during the last few days, with a number of items turning fractionally easier and a number of others remaining nominal in the absence of trading.

BABASSU.—Quoted 5⅞c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COTTONSEED.—Domestic bleachable oil quoted 7¼c. per pound in tankcars, f.o.b. Pacific Coast mills. Foreign oil is nominal at 7.20c., tanks, duty paid, Coast.

RAPESEED.—Refined and denatured oil quoted 5½c. per pound in tankcars, f.o.b. Pacific Coast for shipment out of the Orient.

RICE BRAN.—Semi-refined oil, duty paid, quoted 6c. per pound, nominally, in tankcars, for shipment out of Japan, f.o.b. San Francisco.

TEASEED.—Quoted for shipment from China at 8c. per pound in tankcars, f.o.b. Pacific Coast ports.

Chicago, March 17.—Business is reported comparatively good in some grades of vegetable oils, without much net change in prices.

COCONUT.—Coast basis, crude, March-forward, 2⅞c. to 3c. per pound.

CORN.—Crude, low acid, 6c. to 6⅛c. per pound, partly nominal. Refined edible oil, 8¾c. to 9¼c. per pound, barrels, car lots,

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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SOYBEAN.—Crude, mills, March-forward, 4¾c. to 5c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular with grain, the tone being firmer early in the week and easier later on. Demand for cash beans was quieter than in the previous week. Recent buyers of futures were disposed to take profits. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Mar. 17.	Closing Mar. 10.
Cash, No. 2..	$0.89¼	$0.86	....	....
May	.88	.84½	.87¾	$0.86¼
July	.87⅞	.84	.86⅞	.85⅞

Linseed Oil

Flaxseed markets generally quiet, with moderate price changes. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, March 17.—The supply of flax is about the same as it has been for some time, the principal interest here being in the amount available and in demand for seeding in the Spring. Prices have been lower during the last week, as the previous demand seems to have been satisfied. Duluth flax on track is still being quoted at 2 to 8 cents over Minneapolis May.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.83	$1.75
Monday	1.82¼	1.74½
Tuesday	1.80½	1.72½
Wednesday	1.80	1.72½
Thursday	1.81	1.73½
Friday	1.82½	1.74½

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	768	1,405	10,061	....
Since Aug. 1	1,360,790	1,064,140	1,316,263	1,143,848

MINNEAPOLIS, March 17.—Demand for flaxseed continues very good with seed houses taking most of the daily arrivals as yet. Crushers are eager to get supplies and compete for the offers that seed houses do not regard as suitable for their purpose. Tone of the market continues strong compared with futures. Receipts are spasmodic and so are shipments.

Shipping advices from the country are moderate to light from day to day. Farm deliveries are very light and only the poorer quality received from first hands is being shipped to terminals. Interior elevators still are accumulating seed supplies for distribution in home territory.

Trade in futures during the week was fairly active and general. Crushers bought on a scale down and commission houses also were buyers. Northwestern hedging pressure on deferred futures was fair and there was some buying in of hedges that were put out by Pacific coast shippers and producers, probably due to weather condtions in the producing area of the coast district. In the local market there is 421,000 bushels of May still open as compared with 177,000 July and September. Buying May contracts back is becoming more touchy in influence from day to day.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.90	$1.75	$1.73
Monday	1.89¼	1.74¼	1.73
Tuesday	1.87½	1.72½	1.71
Wednesday	1.87½	1.72½	1.71
Thursday	1.88	1.73	1.72
Friday	1.80½	1.74	1.73½

Crop movement in bushels as follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	15,600	12,400	22,800	13,140
Since Sept. 1	2,939,070	13,298,040	519,159	667,722

WINNIPEG, March 17.—The market for flaxseed futures continued quiet. Prices were irregular with grain. The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.53⅜	$1.55⅝	$1.52¾
Monday	1.51	1.53	1.48½
Tuesday	1.49¼	1.51¼	1.48¼
Wednesday	1.56¼	1.52¼	1.48½
Thursday	1.50½	1.52½	1.48½
Friday	1.55½	1.57½	1.53½

BUENOS AIRES, March 17.—Opening prices per bushel on March contracts were:—

	Last week	Last year.
Saturday	$1.09¼	$1.33½
Monday	1.09¼	1.33½
Tuesday	1.08¾	1.33
Wednesday	1.07⅞	1.32¼
Thursday	1.09⅝	1.33¾
Friday	1.09¼	1.33⅜

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United States.....	441,000	283,000	843,000
United Kingdom..	75,000	28,000	71,000
Continent	587,000	535,000	692,000
Orders	445,000	823,000	130,000
Others	.....	20,000	.....
Totals	1,548,000	1,689,000	1,646,000

Since January 1

To—	Bushels This year.	Bushels Last year.
United States.....	5,337,000	3,478,000
United Kingdom.....	516,000	515,000
Continent	8,038,000	5,362,000
Orders	3,870,000	3,162,000
Others	291,000	51,000
Totals	18,052,000	12,568,000

Cottonseed Crushings Decrease

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held, August 1 to February 28, 1939, and 1938, amounted, according to the Bureau of Census to the following quantities:—

Cottonseed

Received, Crushed, and Held

	Tons: Received at mills* Aug. 1 to Feb. 28. 1939.	Received at mills* Aug. 1 to Feb. 28. 1938.	Crushed Aug. 1 to Feb. 28. 1939.	Crushed Aug. 1 to Feb. 28. 1938.	On hand at mills Feb. 28. 1939.	On hand at mills Feb. 28. 1938.
United States.....	3,895,112	6,076,969	3,446,107	4,957,773	781,615	1,160,771
Alabama	266,341	383,081	236,353	337,454	41,949	45,908
Arkansas	440,301	601,229	371,651	452,424	88,872	148,689
California	150,399	278,635	126,348	151,554	45,765	132,549
Georgia	281,498	538,042	247,582	479,595	49,210	60,775
Louisiana	170,436	259,820	168,302	242,037	8,016	17,987
Mississippi	631,612	942,221	479,440	680,900	193,970	269,287
North Carolina.....	135,286	273,009	131,798	246,970	11,283	26,450
Oklahoma	176,600	273,714	172,939	254,424	7,331	19,792
South Carolina.....	144,688	251,020	137,946	234,043	8,294	17,627
Tennessee	349,840	418,501	277,215	337,605	85,235	81,309
Texas	969,499	1,595,898	962,345	1,364,840	189,227	253,930
All other states.....	178,612	261,799	134,188	175,927	52,463	86,468

* Includes seed destroyed at mills but not 337,118 tons and 42,394 tons on hand August 1, nor 29,364 tons and 113,969 tons reshipped for 1939 and 1938 respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand August 1.	Produced Aug. 1 to Feb. 28.	Shipped out Aug. 1 to Feb. 28.	On hand Feb. 28.
Crude oil, pounds—				
1938-1939.....	*33,833,717	1,070,339,900	958,700,861	*180,666,037
1937-1938.....	11,141,266	1,512,448,711	1,436,980,589	203,900,988
Refined oil, pounds—				
1938-1939.....	†487,927,952	‡862,813,966	.....	†633,329,042
1937-1938.....	441,052,343	1,188,895,281	.....	514,703,081
Cake and meal, tons—				
1938-1939.....	214,611	1,548,333	1,517,723	245,221
1937-1938.....	41,952	2,207,326	1,907,489	251,789
Hulls, tons—				
1938-1939.....	133,153	894,415	886,101	141,467
1937-1938.....	43,422	1,266,126	1,162,902	146,646
Linters, running bales—				
1938-1939.....	457,464	848,292	743,623	562,133
1937-1938.....	61,547	1,130,722	676,859	515,410
Hull fiber, 500-lb. bales—				
1938-1939.....	30,534	28,096	29,909	28,721
1937-1938.....	1,828	48,408	19,215	31,021
Grabbots, motes, etc., 500-lb. bales—				
1938-1939.....	36,592	42,799	38,438	40,953
1937-1938.....	7,379	60,839	22,650	45,568

* Includes 11,339,523 and 32,974,624 pounds held by refining and manufacturing establishments and 12,855,220 and 26,413,400 pounds in transit to refiners and consumers August 1, 1938, and February 28, 1939, respectively.

† Includes 5,190,739 and 7,929,538 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 7,696,711 and 5,813,451 pounds in transit to manufacturers of shortening, oleomargarine, soap, etc., August 1, 1938, and February 28, 1939, respectively.

‡ Produced from 915,122,280 pounds of crude oil.

Exports and Imports for Six Months Ended January 31

	1939.	1938.
Exports—		
Oil, crude, pounds.....	100,805	2,183,792
Oil, refined, pounds.....	1,850,370	4,030,264
Cake and meal, tons of 2,000 pounds.....	13,783	65,636
Linters, running bales.....	116,872	153,487
Imports—		
Oil, crude, pounds.....	.....	4,094
Oil, refined, pounds.....	*35,991,284	20,971,705
Cake and meal, tons of 2,000 pounds.....	2,228	3,443
Linters, bales of 500 pounds.....	17,238	7,309

* Amounts for February not included above are 714,800 pounds crude and 4,226,057 refined, "entered direct for consumption," 5,846,421 refined, "withdrawn from warehouse for consumption," and 5,485,011 refined, "entered direct into warehouse."

Visible Supply

	Bushels.
Last week.....	7,874,000
Previous week.....	7,087,000
Last year.....	6,870,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United Kingdom..	48,000	232,000	4,000
Continent	.....	.....	20,000
Others	.....	60,000	.....
Totals	48,000	292,000	24,000

Since April 1—	Bushels This year.	Bushels Last year.
United Kingdom.....	10,752,000	6,993,000
Continent	936,000	288,000
Others	576,000	1,124,000
Totals	12,264,000	8,405,000

HULL, March 17.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Bombay.
Saturday	£11⅛	£12⅜
Monday	11⅛	12⅜
Tuesday	11⅛	12⅜
Wednesday	11	12⅜
Thursday	11⅛	12⅜
Friday	11⅛	12⅜

Linseed Oil.—Changes in flaxseed quotations were generally moderate, and the market here for linseed oil retained a steady tone, previous selling schedules being repeated, with the range extending from 8.2c. to 8.4c. per pound in tankcars, according to seller. The market was rather quiet so far as new business was concerned, though the movement to consumers and dealers on contracts was reported as somewhat larger than in the previous week.

Cash flaxseed was in good demand in the Northwest, and premiums over futures were maintained at unusually high levels. Receipts were light and offerings were promptly absorbed by cash interests and crushers. Additional moisture in the form of snow was received in the Northwest, and the condition of the soil in important producing sections was described as very good, with the indications still pointing to an increase in the next acreage.

Receipts of flaxseed at New York last week were 121,924 bushels.

MINNEAPOLIS, March 17.—Demand for linseed oil is rather quiet because of the lack of offers chiefly. Buyers are pretty well booked for delivery up to the end of June and sellers are not inclined to commit themselves beyond that date, at least for shipment from local mills. Inquiry for July-September shipment is quite brisk and unsatisfied here. Some Eastern selling is reported. Small lot trade with local and Northwestern distributers is improving steadily with the weather. Shipping instructions are good and the store of oil here is decreasing more rapidly. Operations continue light at 20 percent and the shrinkage of flax reserves is becoming acute. Quotations on carload lots, f.o.b. Minneapolis, March-June shipment, tankcar lots, 8.6c. per pound; cooperage car lots, 9.2c. per pound; warehouse lots, 9.6c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week.....	1,560,000	819,181
Since Sept. 1.....	34,508,953	29,184,500

SAN FRANCISCO, March 14.—New business in linseed oil is being confined to spot drum lots of small quantity, the trade not taking on any tankcar contracts. The price situation has undergone no change, with the market steady. Deliveries are about up to contract requirements in most cases, but during the week they were slow. Quoted:—Tankcars, 8.6c. per pound; drum lots, ex mill, 9.1c.; drum lots, ex warehouse, 9.6c.

CHICAGO, March 17.—Linseed oil is reported to be in rather good market position at this time. Prices are steady, reflecting what appears to be a healthy situation, while inquiries are thought to indicate that good demand can continue. Tankcar, 8.6c. per pound; car lots, 9.2c.; less than car lots, 9.6c.

LONDON, March 17.—Quotations on linseed oil were:—

	Per cwt. s.	Per cwt. d.
Saturday	24	6
Monday	24	6
Tuesday	24	3
Wednesday	24	1½
Thursday	24	0
Friday	24	0

Cake and Meal.—The export inquiry for cake showed some improvement, and the movement of meal to domestic buyers was also somewhat larger than in the previous week. Cake was quoted at $28 to $28.50 per ton, and meal $39 per ton.

MINNEAPOLIS, March 17.—Demand for meal is not broad or aggressive but offers are light and prices hold firm and unchanged. Re-sellers are still offering occasional lots below crusher prices because of the smaller outlet than anticipated and need of shipping instructions on maturing contracts. Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $38.50 to $39.00 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week.....	2,120,000	894,395
Since Sept. 1.....	56,442,225	96,893,839

CHICAGO, March 17.—The weather in the north has continued to favor demand for linseed meal from feeders, and purchases of that nature are reported to have been fair. Round lots, $39 per ton, mostly nominal; car lots, $39 to $39.50; less than car lots, $41 to $41.50.

Cottonseed Oil

Trend of refined cottonseed oil futures mainly downward. Southern markets quiet.

Cottonseed Oil.—The trend of refined oil futures in the local market was mainly downward, although there was more or less irregularity at times. On the whole, however, sentiment appeared to be more bearish than recently as a result of a disappointing monthly consumption report, the growing opposition to the proposed increase in processing taxes on imported vegetable oils, and what appeared to be less favorable prospects for the passage of the Smith cotton acreage measure. Also the drift of lard and cotton futures was downward at times, while weakness in the market for securities was also not without influence on sentiment in cottonseed oil trade circles. There was scattered liquidation for account of disappointed longs. Local, trade and commission houses sold for both sides of the account and there was apparently more or less pressure of hedging operations. The principal support seemingly came from the covering of shorts, although there was more or less long buying attributed to trade interests.

The monthly cottonseed report from the Census Bureau showed that the consumption of refined oil during February was only 217,781 barrels. These figures were 25,000 to 35,000 barrels smaller than some had expected. They compared with 229,666 barrels in the previous month, and 417,739 barrels in the same month last year. The February figures brought the total consumption for the first seven months of the current season up to 1,793,532 barrels, or nearly 1,000,000 barrels less than for the same time in the previous season. The visible supply showed a decrease for February of 130,500 barrels as compared with a decrease of 155,800 barrels for the same month last year. The total visible at the close of February was 2,557,900 barrels against 2,588,700 barrels a year ago. Stocks of seed at the mills at the close of February were 781,615 tons against 1,160,771 tons at the same time last season; crude oil, 180,666,037 pounds, against 203,900,938 pounds; refined oil, 633,329,942 pounds, against 514,703,081 pounds.

Southern markets for crude oil were quiet, and quotations were generally ⅛c. lower. Offerings were light, however, and prevailing sentiment in the South was still said to be bullish. There was a fairly active export inquiry for lard, though the movement was lighter than in the previous week. Exports of lard for the season from November 1 last to March 11 this year, however, were 73,351,791 pounds, against 68,588,377 pounds in the same time last season. Stocks of lard in Chicago decreased 3,120,253 pounds during the first half of March as compared with an increase of 3,136,460 pounds in the same time last year.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from March 11 to March 17, inclusive, comprised 696 contracts, a total of 41,760,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks High.	Cents per pound in tanks Low.	Cents per pound in tanks Close.
March	7.08	6.87	—@—
May	7.07	6.82	6.85@6.88
July	7.19	6.94	7.03 sale
September	7.30	7.02	7.16 sale
October	7.25	7.06	7.15@7.17

Crude, Southeast, .0575 nom.

Chicago, March 17.—Somewhat irregular and uneven market conditions prevail in cottonseed oil here. A fair amount of material keeps moving out to buyers, largely on orders of restricted individual size. Good off-Summer yellow fig oil is 7¼c. per pound. Refined edible oil is 8¾c. to 9¼c. per pound, barrels, car lots, and 9¼c. to 9¾c., barrels, less than car lots.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Hull, March 17.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s. d.	Egyptian crude. Per cwt. s. d.
Saturday	20 6	17 6
Monday	20 6	17 6
Tuesday	20 6	17 6
Wednesday	20 6	17 6
Thursday	20 6	17 6
Friday	20 6	17 6

Cake and Meal.—Southern markets for spot material were generally steady. According to official statistics production of cake and meal during the first seven months of the season was 1,548,333 tons against 1,266,126 tons in the same time last season. Stocks at the mills at the close of February, 245,221 tons, against 251,789 tons a year ago.

Markets at Other Centers

Atlanta, March 15.—Cottonseed products prices were maintained in the Southeast. Prime crude oil is still quoted at 5⅞c. to 6c. per pound, with some sales reported. Meal appears firm at $23.50 to $24 at various Southeastern mill points. Planting seems destined to be delayed some this year by poor weather for land preparation.

Memphis, March 16.—Crude cottonseed oil quiet. Some scattered trades today at 5¾c., Valley basis. Mills reluctant sellers. Buyers showing more interest at present levels. Meal steady and in better demand, mills claiming considerable truck trade at materially higher prices than reflected in the pit. Prime meal for prompt shipment $22 per ton, Memphis basis, for 41 percent. Bulk cake, $19.50 per ton, Valley basis. Cottonseed hulls, $5.50 per ton at mill points.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	March 9.	March 16.
March	$21.50@22.00	$21.60@21.85
May	21.50@21.75	21.55@—
July	21.65@21.95	21.60@21.75
September	21.80@22.00	21.55@21.75

Fatty Acids

Caproic Acid.—Quotations were maintained at former levels, and the tone appeared to be steady. No change was noted in the character of business, consumers being disposed to follow a conservative course in making purchases.

Coconut Oil.—A steady tone continued to prevail in the market for this fatty acid. There were reports of a fair inquiry from local and other buyers, but as a rule consumers were disinclined to provide to any important extent for future requirements.

Cottonseed Oil.—Consumption of this fatty acid in the manufacture of soaps and bases appeared to be holding up rather well, but new business was reported as quieter. The tone of the market was steady.

Myristic Acid.—Prices were steady and conditions remained about as recently noted. There was a fair inquiry, the movement to makers of soaps and cosmetics being sufficient to absorb the output.

Stearic Acid.—No broadening of business was reported, many consumers still being disinclined to purchase in advance of current needs. The movement of moderate lots was fair, however, and apparently up to that of recent preceding weeks.

Tall Oil.—Selling schedules were unchanged and the tone of the market appeared to be steady. There was a fair movement of moderate lots into local and outside consuming channels.

Markets at Other Centers

Chicago, March 17.—Little change has occurred in the fatty acids market, with prices indicating a stable market background, despite some irregularity in basic materials. Orders are stated to be moderately good in volume.

FATTY ACIDS—Corn oil, double distilled, 8½c. to 9c. per pound, tankcar; 9c. to 9½c., barrels, car lots; 9½c. to 10c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8¾c., tankcar, mostly nominal; 8¾c. to 9¼c., barrels, car lots; 9¼c. to 9¾c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 8c., tankcar; 8c. to 8½c., barrels, car lots; 8½c. to 9c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅛c. to 3¼c.; boiled down soap stock, 65 percent basis, 4⅛c. to 4¼c.; cottonseed foots, 50 percent basis, 1½c. to 1¾c.

STEARIC ACID—Distilled, single press, 10c. to 11c. per pound, double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Cod.—The market for Norwegian oil was firmer, quotations on pale being 1½c. to 2c. per gallon higher, with offerings reported as light at the advance. Business in Newfoundland untanked oil was reported to have been closed recently at 30c. per gallon for shipment, practically all the oil available having been cleaned up at that figure.

Menhaden.—Quotations on refined oil were maintained at previous levels by local sellers, the tone of the market apparently being steady. There was no broadening of demand, consumers in many cases still being disinclined to purchase in advance of current needs. Crude was quiet and nominal.

Sardine.—The local refined situation lacked new features, trade being reported as rather quiet, with quotations stationary. Crude was quiet and nominal on the Pacific coast.

Whale. — Refined oil was steady. There was a fair movement of moderate lots to local and other consumers. A radiogram from Oslo to a local house said:—"Final reports received from all whaling companies operating in the Antarctic Ocean, except German and Japanese expeditions, and land stations at South Georgia, indicate total production of 275,000 tons. Japanese production estimated 75,000 tons; German, 83,000 tons; South Georgia land stations, 17,000 tons. This indicates total world production for 1938-1939 Antarctic season of 450,000 tons, against 550,000 tons in 1937-38 season."

The arrival was reported at New York last week of the American tanker California with 9,500 tons of crude whale oil, the cargo having been transferred from the whaling ship Ulysses.

Markets at Other Centers

San Francisco, March 14.—The market in Pacific Coast fish oils is practically in a state of suspension these days. One lone spot on the entire Pacific Coast is still making a gesture at reduction operations at this late date. but elsewhere the respective seasons have all closed and there is practically a period of hibernation taking place, excepting for an occasional sale of storage stocks. San Pedro, in Southern California, will officially close at the end of this month and meantime, due to rough weather and a general absence of fish, reduction operations there for the past two weeks have been all but dormant.

Spot San Francisco-Monterey crude oil is slightly firmer. A reported sale of a tankcar was noted here a day or so ago at 31 cents per gallon, against a price of 30 cents ruling during the previous week. Less than 20 tankcars are said to be available here—a carryover from the season just finished. San Pedro is apparently having all it can do to fill contracts, although oil is said to be available there also at 31 cents, with no movement reported.

That the floating reduction plants, outlawed for operation off California shores in the last ballot, will have even as hard a time in northwest waters, was seen here during the week with new legislation created in the state of Washington. A bill (HB 382) has passed both houses in that state which prohibits the operation of floaters within the territorial waters of the state of Washington, to take effect January 1, 1940. Although it is pointed out that the floaters could go to the high seas off Washington, the seas are generally too strong to allow working.

Also following California's lead in warring on the floaters, Oregon has a bill discouraging their operation by aiming a tax in their direction.

Baltimore, March 15.—There was no information available here that any sales of menhaden oil had been made, but advices indicated that this product has developed a firmer tone and that those who still have some stocks on hand are marking up asking prices. It is indicated that sellers in North Carolina are holding out for 29 cents per gallon at shipping point, which would push the market here to 31 cents per gallon. But in the absence of any transactions this price appears to be more or less nominal. The season in Florida will not open until about the middle of April, and until that time, at least, any contracts concluded will be made on the when-and-if-produced basis.

Fats and Greases

Grease.—Quotations on spot were generally maintained at former levels, and the tone of the market appeared to be steady. Business lacked snap, consumers being disinclined to purchase in advance of current requirements.

Lard.—Changes in local quotations on cash lard were generally moderate, the trend being towards a lower level at times in company with developments in the Western market for futures. Domestic trade was reported as fairly active. The export movement was lighter than in recent preceding weeks.

Stearin.—Trade was reported as quiet but the tone continued steady, quotations being held at former levels.

Tallow.—Quiet conditions continued to prevail much of the time in the local market for tallow, the attitude of many buyers still being a waiting one. On the other hand offerings remained light throughout the week and the market retained a steady tone. Occasional transactions in small or moderate lots were reported at unchanged quotations.

There was no trading in tallow futures on the New York Produce Exchange from March 11 to March 17, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	...	...	5.50@5.56
July	...	..	5.50@5.65

Markets at Other Centers

Chicago, March 17.—The feeling in the cash lard market is mixed, but the price structure is holding its own. Shipping trade has been of moderate extent recently.

The range of lard quotations from the opening Saturday, March 11, to the close Friday, March 17, is shown in the following table:—

	Per 100 pounds— Open	High.	Low.	Close.	Previous Friday.
Cash	$6.80	$6.80	$6.50	$6.47	$6.80
May	6.80	6.82	6.47	6.52	6.85
July	6.95	6.95	6.60	6.67	7.00

TALLOWS (tierces).—Edible, 5½c. to 5⅝c. per pound; prime, 5½c. to 5⅝c.; fancy, 5⅜c. to 5½c.; special, 5¼c. to 5⅜c.; No. 1, 5¼c. to 5⅜c.

GREASES (tierces).—Choice white, 5½c. to 5⅝c. per pound; A white, 5¼c. to 5⅜c.; B white, 5½c. to 5¼c.; yellow, 10-16, 4⅞c. to 5c.; yellow, 16-20, 4¾c. to 4⅞c.; brown, 4⅜c. to 4⅝c.

STEARINS (barrels).—Prime oleo, 6⅝c. to 6¾c. per pound; lard, packages, 7⅜c. to 7⅝c.; white grease, 5½c. to 5⅝c.; yellow grease, 5c. to 5⅛c.; oleo stocks, 7½c. to 7¾c.; No. 2 stocks, 7c. to 7½c.

Liverpool, March 17.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	May. s. d.	July. s. d.	Sept. s. d.
Saturday	38 6	39 6	40 0	40 3
Monday	38 9	39 3	39 9	40 6
Tuesday	38 6	38 6	38 9	40 0
Wednesday	38 0	38 0	38 3	39 6
Thursday	38 0	37 6	38 0	39 0
Friday	37 6	37 3	38 0	39 0

Liverpool, March 17.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	18 0	17 3
Monday	18 0	17 3
Tuesday	18 0	17 3
Wednesday	18 0	17 3
Thursday	18 0	17 3
Friday	18 0	17 3

Animal Oils

Lard.—The recent upturn in basic material was reflected in a firmer market for lard oil, quotations being advanced ¼c. to ½c. per pound by producers. There was a fair inquiry, the movement of moderate lots for the week showing an increase over recent preceding periods.

Neatsfoot.—Quotations on the high grades were reduced ½c. per pound, while other descriptions were advanced ¼c. No broadening of trade was reported, purchasing by consumers generally being limited to moderate quantities for prompt shipment.

Oleo.—A firm tone continued to feature the local situation, quotations again being advanced ½c. per pound. There was a somewhat better inquiry, though business still lacked snap.

Tallow.—Prices were steady at the advance announced in the previous week. There was a fair movement of moderate lots.

Markets at Other Centers

Chicago, March 17.—Variable price tendencies are reported in some of the animal oils here. Buying is not very active.

LARD.—No. 1, 8½c. to 8¾c. per pound.

OLEO.—No. 2, 7½c. to 7¾c. per pound.

TALLOW.—Acidless, 7¼c. to 7½c. per pound, tanks; and 8¼c. to 8½c., barrels.

Waxes

Bees.—Values held very well in the main. Prices seemed to be reasonably firm on the moderate amount of new business reaching the spot during the past week. Stocks of crude indicate that excellent preparations for bleaching have been made by the leading producers of white wax. The production of wax in Cuba is centered chiefly in the mountainous regions of the provinces of Oriente and Santa Clara, although the raising of bees is conducted generally throughout the Island. The season of the heaviest production of wax is from November to March, when the wild flowers are in full blossom. No figures are available covering the domestic production but it is estimated that from two-thirds to three-quarters of the total production is exported annually. The United States is the largest purchaser, taking practically the entire exports. Total exports from Cuba to the United States in 1938 declined to 397,650 pounds, valued at $78,241, from 405,920 pounds valued at $112,521 in 1937.

Candelilla.—All dealers said the market shoud be higher. Also, all said that for the time being competition was preventing the establishment of spot prices in line with the cost to replace wax in the primary market. Hence, it was still a buyers' market on the spot.

Carnauba.—Brazil continued to be a firm market but New York City conditions kept prices out of line with replacement cost. In almost every instance the element of competition kept in force a very low level of prices. However, quotations on No. 3 chalky in ton lots were 30c. per pound, spot. And that price seemed to be general. The quotation of 29c. on N. C. No. 3, made in the previous week, was, through misunderstanding reported as a spot price. It was in fact a shipment price. Spot prices at the close of last week were as follows:—No. 3 chalky, ton lots, 28c. to 29c. per pound; No. 3 North Country, 30c. per pound in ton lots; No. 1 yellow, 37½c. to 38½c. in ton lots; No. 2 yellow, 36½c. to 37½c., in ton lots. Refined wax was priced at 34c. to 34½c. per pound, according to quality and seller.

Japan.—Competition still kept prices low in comparison with the cost to replace in Japan. However, the market was still 10¾c. to 11c. per pound and at times there were reports of the inside figure having been shaded under exceptionally competitive conditions.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acid, formic:—Purchase and agency; Stockholm, Sweden (992).

Calcium Chloride: — Purchase and agency; Stockholm, Sweden (992).

Chemicals:—Agency; Singapore, Straits Settlements (954).

Chemicals, heavy and fine:—Agency; London, England (994).

Chemicals, rubber: — Agency; Paris, France (1001).

Chemicals, laboratory:—Agency, Shanghai, China (950).

Cosmetics:—Agency; Singapore, Straits Settlements (954).

Lead Oxide:—Purchase and agency; Stockholm, Sweden (992).

Lead, White:—Purchase and agency; Stockholm, Sweden (992).

Lead, Red:—Purchase and agency; Stockholm, Sweden (992).

Medicinals:—Agency; London, England (1,000).

Paints:—Agency: Havana, Cuba (949).

Pharmaceuticals:—Agency; Cairo, Egpyt (1007).

Pharmaceuticals: — Agency; Havana, Cuba (962).

Potash, Caustic:—Purchase and agency; Stockholm, Sweden (992).

Plastics:—Purchase and agency; Sydney, Australia (965).

Potash Chloride:—Purchase and agency; Stockholm, Sweden (992).

Soda Ash:—Agency; Tel-Aviv, Palestine (902).

Soda, Caustic:—Agency; Tel-Aviv, Palestine (902).

Soda, caustic:—Purchase and agency; Stockholm, Sweden (992).

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yopps, Robinsons, Bentleys, A. B. C. 5th Edition

SUN BLEACHED
Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E 3 Syracuse, N. Y.
Established 1855
Spermaceti Ceresine Red Oil Glycerine Stearic Acid
WARRANTED PURE BEES WAX

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

A Guaranty of MERCK Purity & Reliability

The Name Merck is a Guaranty of Purity & Reliability

MERCK BISMUTH SALTS

The effectiveness of gastro-intestinal preparations is enhanced by high quality ingredients. The purity of Merck Bismuth Salts is made certain by careful selection of raw materials and by rigid laboratory control.

SUBCARBONATE	SUBNITRATE
White	White
Odorless	Odorless
Grit-Free	Grit-Free
Tasteless	*Practically Tasteless*

The Name Merck is a Guaranty of Purity & Reliability

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Other Merck Bismuth Salts

Citrate Hydroxide Lactate
Oxychloride Oxyiodide Salicylate
Subbenzoate Subgallate Subsalicylate
Sulfocarbolate (Phenolsulfonate)
Tannate Trioxide Bismuth Betanaphthol
Bismuth & Ammonium Citrate
Bismuth & Potassium Tartrate

MERCK

FINE CHEMICALS FOR THE PROFESSIONS AND INDUSTRY SINCE

★ 1818 ★

MERCK & CO. INC. *Manufacturing Chemists* **RAHWAY, N. J.**

New York • Philadelphia • St. Louis • *In Canada:* Merck & Co. Ltd., Montreal and Toronto

Drugs, Fine Chemicals

Industrial Alcohol Producers Extend Current Prices to June 30 —Talk of Further Rise in Denaturing Methanol Noted —Codliver Oil Figures Arrive

The most influential news in the market for drugs and fine chemicals last week was the action taken on prices for industrial alcohol. The leading producers announced that present quotations had been extended to cover business to June 30 next. Some uncertainty had existed as to what action might be taken and, when the extention was announced, it was considered to be evidence of a gain in market stability.

Another development which, if realized, will have effect on production cost of denatured alcohol was the talk of higher prices to be established on denaturing grade methanol on April 1. The recent history of denaturing grade material has included several advances in price and a sold-up condition of production. The future will be watched closely.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Bay rum, ½c. per gal.
Camphor tablets, 1c. per lb.
Cocoa butter, ¾c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals, on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.8	**182.8**	**183.0**	**180.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Bay rum and cocoa butter were a shade lower on spot under competition. Agar was steady, though supporting demand was poor. However, important quarters on spot intimated that the situation was gradually getting to the point where the firmness of prices in Japan would be emphasized by the establishment of higher spot quotations.

Quicksilver showed no change. Small lots were cheaper than large. Trade was confined to small quantities locally. Foreign market quotations were apparently firm. Quinine was steady with a good trade forecast for the Spring period. Mercurials were very steady under routine but satisfactory request. A visitor from Canton, China, to be in the United States about ten weeks, is interested in obtaining lines of drugs, chemicals and sundries. Details regarding this visitor are available, to accredited American firms, at the Chemical Division of the Bureau of Foreign and Domestic Commerce, Washington. Please refer to Foreign Visitor No. 368.

Acid, Citric.—The market was steady as to price and everything appeared set for an active Spring and Summer season. Prices were the lowest ever to prevail. Shipments of this acid from Hawaii to continental United States totaled 588,134 pounds in 1938, comparing with 586,764 pounds in 1937. Invoice values fell from $127,359 in 1937 to $119,151 in 1938.

Acid, Tannic.—Prices were fully stable and demand was reported current in volume sufficient to add substantially to the support given values generally by the fact that production costs continued to be well maintained.

Acid, Tartaric.—Market conditions continued to suggest that strength was the basic scheme of things at this time. Production costs have been well maintained by the prevailing prices paid for raw materials. As to demand, it was up to recent levels and appeared to be generally steady.

Agar.—Although spot quotations were unchanged last week, conditions appeared to forecast a probable advance in price, this mainly because of the total lack of weakness in the primary market. Only lack of substantial demand here has prevented a warranted rise in local quotations, it was said. Such an advance, however, seemed to be reasonably certain to come in the not far distant future.

Alcohol.—Producers of industrial alcohol announced last week the extension of current quotations to prevail on business for delivery during the second quarter of the year. With prevailing prices being scheduled to June 30 next, the leading producers intimated that there was reason to expect that trade would show satisfactory development. Demand was very fair on the whole last week, both as to new business and to deliveries against existing contracts.

Ammonia Benzoate.—Well stabilized quotations were the rule and with an active season of consumption spreading ahead, sellers expected a very good volume of business to be the rule during the weeks immediately to come.

Amyl Acetate.—Prices appeared to be reasonably steady and in that respect in contrast with conditions that had kept them more favorable to buyers than to producers in recent months. However, there was little doubting the firmness of material made from fusel oil and the firmness was backed by fair demand from consumers.

Bay Rum.—The market was slightly more competitive and spot goods were offered over the range 82c. to 90c. per gallon. Demand was thoroughly routine.

Bismuth Metal and Salts.—The steadiness of metal found reflection in the stability of prices on salts in general. Call for those of major importance was very good and on the whole it compared favorably with that in recent weeks.

Cadmium.—The plating industry took fair quantities of this article and contributed considerably to the fairly steady price position of the metal. Demand for salts was steady but also quite routine throughout the period.

Castor Oil.—The competitive character of the market was unchanged and conditions suited buyers completely since they were doing business at low and. in some quarters, not too firmly maintained schedules.

CHICAGO, March 16.—Despite reports of price shading, principal sources of supply of castor oil apparently are still maintaining the price structure and it is asserted that at these levels a fair amount of business is being done. Buyers are ordering material rather cautiously, however.

Cocoa Butter.—Lack of sustained interest—it shifted widely from day to day last week—turned prices toward unsettled position and brought about slightly lower quotations at 11c. to 11¼c. per pound on car-lot quantities in bulk.

Codliver Oil.—The market was one of steady but entirely routine activity n spot. Prices were reasonably low and attractive, especially when the exceptionally high quality available was considered. Stocks in reserve were of very fair size. With production well under way in Norwegian and other waters, lack of demand for import parcels was natural and the downward trend of foreign market prices could be understood. While imports of codliver oil declined somewhat in 1938, the trend has been steadily upward. Norway and Iceland continue to be the largest suppliers, but receipts from Germany, the United Kingdom and Japan are becoming increasingly important as may be noted in the following table:—

Codliver Oil Imports

	Gallons		
	1936.	1937.	1938.
France	43	55,481	500
Germany	62,164	131,085	930,154
Iceland	1,085,168	1,037,410	1,275,417
Italy	75	.....	.....
Norway	2,821,187	2,857,592	1,547,245
United Kingdom	1,357,775	1,432,025	630,946
Canada	55,232	72,310	154,695
Miquelon and St. Pierre	3,823	760	.....
Newfoundland and Labrador	146,722	89,480	216,790
Japan	211,802	212,029	411,434
Denmark	45,403	27,792	51,456
Poland and Danzig	180	.....	.....
Totals	5,789,574	5,915,964	*5,218,637

* Preliminary.

BERGEN, Feb. 27, Report No. 1.—Fishing in Lofoten is now in progress and during the past week 4,000,000 kilos cod were caught and 2,028 hectoliters crude oil were produced. The corresponding figures for 1938 were 2,200,000 kilos and 1,115 hectoliters. The total combined catch and pro-

Currents prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

U·S·P.

GLYCERINE
CITRIC ACID
TARTARIC ACID
CREAM OF TARTAR
ROCHELLE SALTS

THE HARSHAW CHEMICAL CO.
Manufacturers, Importers, Merchants
Offices and Laboratories: Cleveland, Ohio
Quality products since 1892
New York, Philadelphia, Chicago, Detroit, Pittsburgh, Cincinnati, East Liverpool, Los Angeles, San Francisco
Works at Cleveland and Elyria, Ohio and Philadelphia, Pa.

HEYDEN

BROMIDES

SODIUM U.S.P. Granular and Powdered
POTASSIUM U.S.P. Granular - Crystals Powdered
AMMONIUM U.S.P. Granular and Powdered
CALCIUM U.S.P. Powdered
LITHIUM N.F. Granular
STRONTIUM N.F. Granular

•

Acetylsalicylic Acid • Salicylates
Benzoates • Benzaldehyde
Formaldehyde • Methenamine
Paraformaldehyde
Glycerophosphates • Parasepts
Guaiacol Carbonate
Potassium Guaiacol Carbonate
Silver Proteins

FINE HEYDEN CHEMICALS

HEYDEN CHEMICAL CORP.
NEW YORK—50 Union Square
Chicago—180 N. Wacker Drive
FACTORIES: Garfield, N. J.—Fords, N. J.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

VITAMIN PRODUCTS
FISH LIVER OILS
ATLANTIC COAST FISHERIES CORP. OF N. Y.
111 JOHN STREET, NEW YORK, N. Y.

CHLORTHYMOL
HIGH PHENOL COEFFICIENT
ORBIS
PRODUCTS CORPORATION
215 PEARL ST., NEW YORK – Factory, NEWARK, N. J.
Write for Particulars

NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
BETA LACTOSE
POWDERED-GRANULAR
IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
CINCHOPHEN NF VI
NEO-CINCHOPHEN U. S. P.

The World Renowned Benckiser
TARTARIC ACID
CRYSTALS—POWDER—GRANULAR
Guaranteed U. S. P.
OBTAINABLE FROM
WILLIAM NEUBERG, INC.
441 Lexington Avenue, New York City
MUrray Hill 6-1990

duction for all districts of the last five years are as follows:—

	Fish. Kilos.	Crude oil. Hectoliters.*
1939	38,500,000	19,194
1938	22,400,000	9,581
1937	31,900,000	17,117
1936	26,300,000	12,214
1935	17,600,000	10,623

* To convert into barrels, multiply by .88.

In respect to the district of Lofoten, the volume of production of codliver oil is normal. The market is rather quiet and the price situation has changed considerably to the advantage of the buyers as compared with last year.

Ephedrine.—While complete details regarding imports of ephedrine compounds are not compiled, receipts of ephedrine sulphate through the port of New York during the year 1937 aggregated 488 pounds, valued at $14,372, against 550 pounds valued at $6,675 during the preceding year. Of the amount received through the port of New York in 1937, Germany supplied 55 percent, the United Kingdom 39 percent, Switzerland 4 percent, and Italy the balance, according to the United States Tariff Commission. Other ephedrine compounds entering through the port of New York during 1937 included 33 pounds of "ephedrine puracin," valued at $1,057, all of it coming from Italy.

Formaldehyde.—The spot market was active to the limits prevalent for some time past. The movement from producers to manufacturing and other consumers as well as buyers was very good and took place on the basis of very steady price. Argentine imports in 1937 reached 205,242 kilos, compared with 163,644 kilos in 1936 and 158,377 kilos in 1935. Of these quantities the share of the United States was 23,256 kilos in 1937, 31,984 kilos in 1936, and 50,175 kilos in 1935. Germany and Belgium did most of the export business to the Argentine in 1937 and 1936, the total for Germany in 1937 being 117,615 kilos, against 55,964 kilos in 1936, and the Belgian total in 1937 being 61,996 kilos, comparing with 64,380 kilos in 1936.

Glycerin.—Very steady market undertones were the rule. Demand was reasonably active and trade was expected to hold up very well during the Spring quarter. Quotations were generally in a position of fair stability and signs of a change in that aspect of affairs were not readily found locally last week.

CHICAGO, March 16.—Business is reported quite good in glycerin, with c. p. moving well on current orders and other material also attracting fair attention. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Hexamethylenetetramine. — Complete stabilization of prices was the rule. With a reasonably well sustained demand coming from the leading consuming industries, the situation was such as to suggest lack of change in the at present favorable aspect of the market.

Methanol.—Reports forecasting a further advance in prices on denaturing grade methanol were heard last week. Those current locally were to the effect that the market was due for a rise on April 1. Monthly statistics on production of crude and synthetic methanol, representing almost the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of Census, Department of Commerce. The data include production figures for 27 manufacturers.

Production

	Gallons			
	1939.		1938.	
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan. ..	2,462,884	315,814	2,806,894	458,347

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	Cords	
	1939.	1938.
January	34,353	44,874

Opium.—Although substantial quantities have been reaching this country of late, the importations were strictly within the quotas set for the several manufacturers of opium derivatives. During the past three years total imports have been close to 175,000 pounds per year. The only change in the import situation has been the fact that Turkey has received increased business from the United States. Preliminary statistics indicate that a total of 113,000 pounds were imported from Turkey in 1938, which compares with 52.000 pounds received from that country in 1937 ,and 4,000 pounds in 1936.

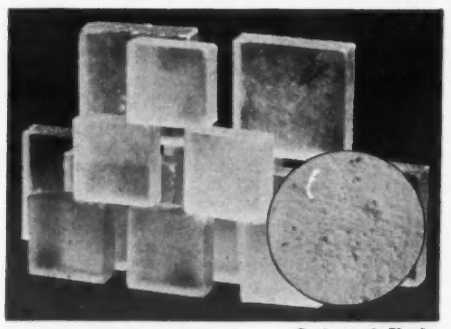
Quicksilver.—The market position changed very little. Small lot buyers were able to purchase at prices considerably lower than what would have to be paid for large quantities of metal. The spot market was soft so far as the sale of small lots was concerned, but it was definitely firm to strong on quantity business. Not much was done last week. Foreign market quotations remained firm.

SAN FRANCISCO, March 14.—No change in the quicksilver market since a week ago. Larger buyers are resisting the current levels of $90-$93 per flask, New York basis, although there has been a good scattered small trade and sellers are getting a fairly frequent general inquiry as to the status of the market from large and small buyer alike. Last week some more metal was reported sold ahead of production here.

Quinine.—Undertones continued to

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Every Tablet of
SHERKA
CAMPHOR, U. S. P.
(*Synthetic*)
is identical in quality, purity and capacity for camphor action . . .



S rface of Sherka Synthetic Camphor U.S.P. Tablet magnified 150 times to show uniform structure and fineness.

for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES
Meets all U.S.P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder—all available from one source.
Write for comparative samples and prices to
SHERKA CHEMICAL CO., Inc. Bloomfield, N. J.— Importers
or
GEORGE UHE COMPANY
80 Eighth Avenue, New York, N. Y.
Distributors

THREE ELEPHANT
BORAX
AND
BORIC ACID
Purity Guaranteed Over 99.5%
The
AMERICAN
POTASH & CHEMICAL
CORPORATION
70 Pine Street New York
Stocks carried in principal cities in the United States and Canada
TRONA
MURIATE OF
POTASH
A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

be very steady and trade in this article seemed to be about normal in all aspects. Outlook for Spring business was considered to be very good.

Seidlitz Mixture.—The market was generally very firm. This was because of the firmness governing raw material costs and the very steady sale of the derived product into consuming channels. Trade continued to be very good last week.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate.	New York.	London.
	Cents.	Cents.	Pence.
Saturday	31½	42¾	20⅛
Monday	31½	42¾	20⅛
Tuesday	31½	42¾	20⅛
Wednesday	31½	42¾	20⅛
Thursday	31½	42¾	20⅛
Friday	31½	42¾	20¼

Soda Citrate.—Seasonal gains in sales were indicated for the not far distant future. In fact, trading was very good last week and, since prices were low and favorable for buyers, continuation of that satisfactory position was expected.

Sulfanilamide.—Prices appeared reasonably stable on the basis reached during the recent decline. Values were very attractive in reality, according to the trade, and a very good business during the months ahead was forecast to take place at current levels.

Sulphapyridin Offered By Merck & Co.

Sulphapyridin, the new drug that is being used with notable results in the treatment of pneumococcal pneumonias, is being offered to the medical profession in this country by Merck & Co., Rahway, N. J., under the name, "Dagenan." Originally introduced by May & Baker, Ltd., in England, under the experimental designation "M. & B. 693," and subsequently named by that company "Dagenan," this new chemotherapeutic agent is now being distributed to hospitals and medical institutions.

Heretofore, the drug has been available only for controlled clinical investigations. In response to widespread demand for supplies for this purpose, Merck & Co. contributed sufficient quantities of "Dagenan" to clinicians in the United States during the past eight months to treat approximately 15,000 cases of pneumonia. In many emergency cases the drug was rushed to hospitals in various parts of the country by airplane and special messengers.

This clinical experience, together with the extensive work done in Great Britain following the original publication by Whitby in the *Lancet* of May 28, 1938, has made it possible, Merck & Co. says, to offer this important drug for use by the medical profession. It is a derivative of sulphanilamide, and its chemical designation is 2-sulphanilylaminopyridin. "Sulfapyridine" is the official name adopted for the drug by the council on pharmacy and chemistry of the American Medical Association.

Lactic Acid
In ALL Strengths from 22% to 85%
TECHNICAL
EDIBLE
U. S. P.
C. P.
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 West 34th Street, New York City
Factory—Elizabethport, N. J.

Trade Briefs

E. R. Squibb & Sons, pharmaceutical manufacturer, Brooklyn, has purchased a lot 25 by 100 feet adjoining their present quarters.

Dr. William C. Anderson, dean emeritus of the Brooklyn College of Pharmacy, has been nominated for the presidency of the New York Pharmaceutical Council.

Andrew E. Holmes has been elected president of the Angostura-Wuppermann Corporation, this city, succeeding S. G. McGibboney, who has been made chairman of the directorate and treasurer.

Tilden Company, pharmaceutical manufacturer, New Lebanon, N. Y., has engaged Dr. H. Elliot Bates to supervise the revision of labels according to the provisions of the new food, drug and cosmetic law.

Pepsi-Cola Company, Long Island City, has elected W. H. Hoodless as vice-president to represent the interest of Charles G. Guth. An executive committee, consisting of A. T. Vanderbilt, chairman of the board, Mr. Hoodless and W. S. Mack, jr., president of the company, will carry out the duties heretofore performed by Mr. Guth.

Hershey Chocolate Corporation, the Peter Cailler Kohler Swiss Chocolates Company, Lamont, Corliss & Co., the Sanitary Automatic Candy Corporation, the Berlo Vending Company, and the Confection Cabinet Company have been ordered by the Federal Trade Commission to cease and desist from entering into, executing, participating in, coercing, or furthering any agreement or understanding to prevent other members of the vending machine trade from getting products of the manufacturers on equally favorable terms.

Mallinckrodt Chemical Holds N.Y. Bowling League Lead

The Mallinckrodt Chemical Works team retained the leadership in the New York Wholesale Drug Bowling League last week. The standing follows:—

	Won.	Lost.	P.C.
Mallinckrodt Chem. Works.	33	15	.688
E. R. Squibb & Sons	31	20	.608
Carbide & Carbon	31	20	.608
Chas. L. Huisking, Inc.	27	21	.563
Church & Dwight	28	23	.549
Chas. Pfizer & Co.	26	25	.510
Fritzsche Bros. Co.	21	30	.412
R. & H. du Pont	21	30	.412
Lanman-Kemp-Barclay	17	34	.333
American Spice Trade Ass'n	17	34	.333

Barbital Bills at Albany

Two bills proposing regulation of the distribution of hypnotic and somnifacient drugs are pending in the New York State legislature. They are generally similar in their provisions. One, in the assembly (A.2103), was introduced by Mr. Stuart and has been committed to the committee on public health. The other, in the senate (S.1347), was introduced by Mr. Warner and is in the public health committee.

These bills would restrict the sale of barbituric acid compounds, the methane somnifacients, paraldehyde, and chloral hydrate, and their derivatives and preparations for internal use, to dispensing by physicians, dentists, or veterinarians, or by pharmacists pursuant to the prescription of such practitioners. Specific labeling of these drugs in the hands of manufacturers and distributors would also be required.

Georgia Bill Limits Sale Of Barbiturates, Sulphanilamide

Atlanta, Ga., March 15, 1939

The house of the State legislature passed a bill by a large majority requiring the sale of barbituric acid preparations only on prescriptions of physicians. The bill had previously passed the senate but the house added sulphanilamide preparations.

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What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Two-hundred-sixty-ninth Instalment

Mortar

(Continued from March 13 issue)

Hardeners for Mortar

Agatex
Calcium silicofluoride
Disilicon hexachloride
Dur-a-tor
Ferricon
Ferroflor
Flurosit
Hydrosilicofluoric acid
Ironcote
Kemikal
Konset
Lapidolith
Magnesium silicofluoride
Metalcement
Silicon disulphide
Silicon methide
Silicochloroform
Tempacrete

Sealers for Mortar Pores

Paraffin
Wax B430

Setting Accelerators for Mortar

Aluminum chloride
Aluminum sulphate
Cemset
Fermo
Konset
Sylvinite (5 to 10 percent of its weight)

Substitute for Lime in Mortar

Magnesium oxide (7 percent)

Waterproofing Agents for Mortar

Alginates
Alkalies
Alkali hydroxides
Aluminum hydroxide
Aluminum stearate
Amines
Ammonium hydroxide
Ammonium resinate
Ammonium resinostearate
Ammonium stearate paste
Animal oils
Antimony oxide
Asphalt
Asphalt oil
Barium borate
Barium nitrate
Bauxite
Bentonite
Bitumen
Bituminous material
Borax
Calcium carbonate
Calcium chloride
Calcium hydroxide
Calcium nitrate
Calcium oxide
Calcium oxide plus linseed oil
Calcium stearate
Clay (finely divided)
Coaltar
Coaltar pitch
Coke
Coketar
Copal acids
Earths
Fats
Fatty acids
Ferric oxide
Ferrokote
Fish oils
Fuller's earth
Glue
Gravel
Hard pitch
Hydrocarbons
Hydrocide
Hydroproof
Iron hydroxide
Kaolin
Kerosene
Konset
Lead erucate
Lime, hydrated
Linseed oil in composition
Magnesium erucate
Magnesium nitrate
Magnesium stearate
Manganese carbonate
Manganese oxide
Maltha
Mineral oils
N.R. colloidal wax cream
Oilgas-tar
Oleic acid
Ozokerite
Palmitic acid
Paracoumarone
Paraffin, powdered
Paraffin solution
Petroleum residue
Pitch
Potassium bichromate
Potassium chromate
Potassium ferricyanide
Potassium ferrocyanide
Potassium hydroxide
Potassium silicate
Resin acid
Rosin acid
Sand
Sealcote
Silica
Soaps, insoluble metallic
Soaps, soluble, alkali
Sodium alginate
Sodium fluosilicate
Sodium hydroxide
Sodium silicate
Stearic acid
Sulco
Stone
Strontium nitrate
Sulphurated oils
Talc
Tallow
Tar
Tung oil compositions
Turpentine
Zinc stearate
Zinc-ammonium alginate
Vegetable oils
Vulcanized oils
Waxes

Mother-of-Pearl

Coloring Agent for Mother-of-Pearl

Silver nitrate

Materials Used in Making Imitation Mother-of-Pearl

Acetone
Alcohol
Aluminum sulphate
Amyl acetate
Benzin
Celluloid
Celluloid cement
Chalk
Copper
Cotenoid scale
Ether
Fish scale
Formaldehyde
Glass
Goldfoil
Glycerin
Hydrochloric acid
Hydrofluoric acid
Magnesia
Mastic gum
Metal foils
Mica
Nickel plates
Nitrocellulose
Oils
Resins
Sandarac gum
Silver
Sodium carbonate
Tannic acid
Tinfoil
Zinc oxide

Motor Fuels

Antiknock Agents for Motor Fuels

Alcohol
Aldolalphanaphthylamine
Aminocymene
Anilin
Anilol
Aromatic amines
Benzene
Benzene in kerosene
Carbonylhydrides
Cobalt carbonyl hydride derivatives
Diethyl selenide
Diethyl telluride
Ethol
Ethyl fluid
Fuel-soluble esters
Iron carbonyl
Iron carbonyl hydride
Lead tetraethyl
Lecithin
Mercury naphthenate
Metal carbonyl hydrides
Metal salts or other derivatives of cobalt carbonyl hydride
Nickel carbonyl, polymerized
Phosphatides
Tetraethyl-lead
Toluidin
Xylidin

Antioxidants for Motor Fuels

(To inhibit the formation of gum, to prevent material loss of initial antiknock value, and to stabilize against discoloration)

Acetyldiphenylamine
Acetylhydroquinone
Acetylphenylhydrazin
Acetylphloroglucinol
Acetylpyrocatechol
Acetylpyrogallol
Acetylresorcinol
Aldolalphanaphthylamine
Aliphatic acid esters
Alphanaphthol
Alphanaphthylpiperidin
Alphathionaphthol
4-Aminobetanaphthol
Aromatic acid esters
Benzalpara-aminophenol
Benzoylhydroquinone
Benzoylphloroglucinol
Benzoylpyrogallol
Benzoylresorcinol
Benzylaminophenol
Betanaphthol
Betathionaphthol
Bismuth dinaphthylnaphthenate
Butylhydroquinone
Butylphenetidin, normal
Butyrylpyrogallol
Butyrylphloroglucinol
Butyrylresorcinol
Cadmium phenylacetate
Caproylhydroquinone
Caproylphloroglucinol
Caproylpyrogallol
Caproylresorcinol
Caprylhydroquinone
Caprylylhydroquinone
Caprylylphloroglucinol
Caprylylpyrogallol
Caprylylresorcinol
Catelhol
Cetyl alcohol
Chromium oleate
Cinnamylpara-aminophenol
Cresylphenyl-cadmium
Cresylphenyl-mercury
Cresylphenyl-stibine
Cresylphenyl-thallium
Cresylphenyl-zinc
Cresylphenyl-zinc sulphide
Diacetylethylenediamine
2:4-Diaminophenol
Dicarboxylic acid, unsaturated, esters
Dichlororetene
Dihydroxyanisole
1:2-Dihydroxynaphthalene
1:4-Dihydroxynaphthalene
1:5-Dihydroxynaphthalene
1:7-Dihydroxynaphthalene

(To be continued)

This FELLAH

One of the Fellaheen (Egyptian natives) tranporting Penick botanical drugs from the fields to drying places.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Potash Production And Sales Up in 1938

Production of potash salts in the United States in 1938 exceeded 500,000 tons. Sales of domestic salts in terms of actual potash (K_2O) in 1938 increased 7 percent in quantity over 1937 to 286,437 short tons valued at $9,748,290 from 266,938 tons with a value of $9,019,534 in 1937. Imports declined to 194,659 tons K_2O in 1938 from 351,445 tons K_2O in 1937, according to the Bureau of Mines.

Apparent domestic consumption of actual potash (K_2O), as calculated by adding sales of domestic salts to imports and deducting exports, was about 23 percent less in 1938 than in 1937, but actual consumption, owing to withdrawals of potash from importer's stocks appears to have diminished only slightly, not more than 2 or 3 percent. Domestic producers' stocks, however, increased by more than 50 percent.

Exports of potash fertilizer materials in 1938 fell sharply to 84,137 short tons, from 103,031 tons in 1937; the value likewise dropped from $3,278,895 in 1937 to $2,599,772 in 1938. Japan and Canada were the leading markets, but important quantities went to Belgium, Norway and Sweden. Shipments to Japan were only 55 percent of those in 1937. Exports to Canada in 1938 were slightly larger than in 1937.

Imports of potash salts into the United States in 1938, as compiled from the records of the Bureau of Foreign and Domestic Commerce, amounted to only 450,147 short tons, containing an estimated equivalent of 194,659 short tons of actual potash (K_2O), compared with 810,529 tons containing 351,445 tons of actual potash during the preceding year. In terms of K_2O, imports for use chiefly in fertilizers, representing 93 percent of the total imports of 1938, were only 54 percent of those in 1937. Muriate remains by far the most important potash salt imported, but declines were registered in imports of all types of potash salts. The total value of potash salts imported fell from $19,733,076 in 1937 to $13,471,746 in 1938.

Most of the imported material originated in Germany, the remainder coming from France, Chile, Palestine, Spain, and Russia. Small quantities of potash-bearing wood ashes and beet root ashes were also brought in.

Magnesite Production Down Sharply in 1938

The apparent 1938 consumption in the United States of dead-burned magnesite dropped 54 percent, caustic calcined was off 31 percent, and sales of crude were cut 52 percent. Production of crude magnesite from domestic mines together with the products of the new seawater plant in California, aggregated only 97,000 short tons, the lowest quantity reported since 1932, and the imports of calcined magnesite products showed a parallel decline according to the Bureau of Mines.

Crude

	1938.	1937.
Production:—		
Short tons	97,000*	203,437
Value *	$725,000	$1,483,492
Sold by producers:—		
Short tons	919	1,952
Value	$12,332	$29,203
Imports for consumption:—		
Short tons	36	35
Value	$777	$313
Apparent new supply—S. tons	955	1,987
Percent domestic	96.2	98.2

Caustic Calcined

Sold by producers:—		
Short tons	7,400	10,031
Value	$228,498	$311,326
Imports for consumption:—		
Short tons	1,452	2,798
Value	$39,551	$62,420
Apparent new supply—S. tons	8,852	12,829
Percent domestic	83.6	78.2

Dead-Burned

Sold by producers:—		
Short tons	38,738	83,204
Value	$730,978	$1,598,336
Imports for consumption:—		
Short tons	24,990	56,021
Value	$371,669	$795,047
Apparent new supply—S. tons	63,728	139,225
Percent domestic	60.8	59.8

* Partly estimated; most of the crude is processed by the mining companies, and very little enters open market. Beginning in 1938, an estimate is included for magnesite obtained from seawater.

Horace Bowker, former president and chairman of the board of the American Agricultural Chemical Company, has announced his engagement to Mrs. Robert Page Burr of Lawrence, Long Island.

Bids Wanted

Acetylene:—15,000 cubic feet; U. S. Engineer Office, Manufacturers Exchange building, Kansas city, Mo.; procurement 183, opening March 24.

Alcohol. Ethyl:—20,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Benzene:—18,497 gallons; Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton, Ohio; procurement 825, opening March 24.

Cadmium Oxide:—450 pounds; Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton; procurement 817, opening March 22.

Carbon Bisulphide:—1,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Tetrachloride:—90,000 pounds; Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton; procurement 822, opening March 23.

Chrome Green:—20,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Cuprous Oxide:—25,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5812, opening March 31.

Drugs:—Supplies; Purchasing Officer, Interior Department, St. Louis; schedule 18, opening April 11.

Drycleaning Solvent:—3,000 gallons; U. S. Engineer Office, Fort Peck, Mont.; procurement 263, opening March 27.

Formaldehyde Solution:—10,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5809, opening March 31.

Gasoline:—Supplies during period April 1 to June 30; U. S. Engineer Office, Huntington, W. Va.; procurement 248, opening March 22.

Graphite, Lubricating:—2,300 pounds for Norfolk and Sewall's Point; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5857, opening April 4.

Grease:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Hydroquinone:—2,250 pounds; Contracting Officer, Materiel Division, Air Corps, Wright Field, Dayton, Ohio; procurement 820, opening March 23.

Lampblack:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Lead Acetate:—5,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5810, opening March 31.

Lead, White:—100,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3436, April 3.

Mercuric Oxide:—10,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5812, opening March 31.

Oil, Creosote:—10,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Cutting:—1,359 gallons for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5858, opening April 4.

Insulating Switch:—1,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Oil, Lard:—1,975 gallons for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5858, opening April 4.

Ordnance:—5,600 gallons for Norfolk and Sewall's Point; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 900-2421, opening March 31.

Oxygen:—90,000 cubic feet; U. S. Engineer Office, Manufacturers Exchange building, Kansas city, Mo.; procurement 183, opening March 24.

Paint, Hydroxide:—4,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 858, opening March 22.

Thinner:—2,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

White:—3,000 gallons; Superintendent of Lighthouses, Staten Island, N. Y.; procurement 59124, opening March 20.

Paris Green:—10,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5812, opening March 31.

Petrolatum:—3,300 pounds for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, schedule 5858, opening April 4.

Phenol:—20,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5808, opening March 31.

Formaldehyde:—100,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5811, opening March 31.

Red, toluidin, Dry:—2,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5812, opening March 31.

Rosin:—8,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 34336, opening April 3.

Lump:—150,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5813, opening March 31.

Rust Preventive:—6,500 pounds for Philadelphia and Sewall's Point; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5864, opening April 4.

Shellac, Orange:—15,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 34363, opening April 3.

Sponges:—800 cellulose; Depot Quartermaster, Marine Corps, Philadelphia; schedule 582, opening March 29.

7,500 cleaning; Quartermaster Supply Officer, Army Base, Brooklyn; procurement 626-200, opening March 25.

Tallow:—1,500 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Turpentine:—6,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Umber, Burnt:—2,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Wax, Paraffin:—21,000 pounds for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5858, opening April 4.

Yellow Ochre:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 34363, opening April 3.

Zinc Oxide:—150,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3436, opening April 3.

Botanical Drugs, Spices, and Gums

Revival in Spot Business Reported—Gains in Sales Volume Moderate but Encouraging—Call Along Seasonal Lines Improves—Most Prices Very Steady

Business in the local market for botanical drugs showed improvement last week. Although the expansion in trade was not large, it was sufficient to give the market a better undertone and to create a reasonable optimism over the probable volume of Spring business this year.

Seasonal requirements of a larger number of buyers than had been in the market in recent weeks constituted the bulk of transactions during the period under review. Such buyers covered requirements promptly and in very good volume. For the most part, full market prices were paid, an evidence of the firmer undertones prevailing at the close of the week.

Of course, the week had its less pleasing side also. Some articles that had been in well stabilized price position for a considerable period of time developed an easier undertone and closed the week at prices slightly lower than had prevailed recently. In most instances, this seemed to be the result of new crop influences. With the collection season already under way at some points, some holders of spot stocks were disposed to accept bids on certain merchandise, this for the purpose of reducing inventories in anticipation of new crop replacement developments.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	...	652
Belladonna	...	90
Caraway	350	6,308
Cardamom (cases)	...	574
Celery	...	20
Coriander	...	2,419
Cumin	100	1,392
Digitalis leaves (cases)	...	...
Dill	...	212
Fennel	300	650
Henbane leaves (bales)	...	28
Mustard	...	4,743
Poppy	...	12,516
Sage leaves (bales)	...	883
Sesame	314	5,834
Stramonium (bales)	165	175
Thyme (bales)	...	128

Price Changes

Prices were changed during the past week as follows:—

Advanced

Balsam Peru, 1c. per lb.
Caraway seed, ¼c. per lb.
Nutmegs, West Indian, ¼c. per lb.
Pimento, ½c. per lb.
Soapbark, powdered, 1c. per lb.
Vanilla, Bourbons, 10c. per lb.
Mexican, cuts, 10c. per lb.

Reduced

Aletris root, 1c. per lb.
Berberis root, ½c. per lb.
Cassia, China, selected, broken, 1¼c. per lb.
Clove, Madagascar, 1¾c. per lb.
Elder flowers, bright, 1c. per lb.
Ephedra herb, ½c. per lb.
Grains of Paradise, 5c. per lb.
Ginger, Jamaica, bright grinding, ¼c. per lb.
Karaya gum, ½c. per lb.
Linden flowers, with leaves, 1c. per lb.
Liverwort leaves, 1c. per lb.
Myrrh gum, 1c. per lb.
Orange flowers, 1c. per lb.
Paprika, Hungarian, extra fancy, 1c. per lb.
fancy, ½c. per lb.
Spanish, 5c. per lb.
Pink root, 1c. per lb.
Poppy seed, ½c. per lb.
Queen of the meadow root, ½c. per lb.
Rosemary leaves, ¼c. per lb.
Rape seed, Red, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
119.0	**119.0**	**119.2**	**133.3**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Peru.—Inquiry was slightly more prominent and sales were up moderately by the close of last week. Quotations were noted at 66c. to 68c. per pound.

Tolu.—Business was moderate in volume, but the call was reasonably steady and hence prices continued to hold a virtually firm position.

Barks

Black Haw.—No tendency toward shading of prices was noted. Sellers were firm in their price views and nothing forecast at this time suggested any substantial lowering of values when the new crop shall be marketed.

Cinchona.—The market on pharmaceutical bark was especially firm and prices were well maintained here and in the Netherlands Indies as well as Amsterdam. Exports of bark from Peru increased to 100 metric tons in 1937; in 1936 they were 66 metric tons. During the first ten months of 1938 the export aggregated 72 metric tons, according to the American commercial attache at Lima, Peru.

Cascara Sagrada.—The spot market seemed to be slightly easier, possibly the forerunner of later price developments in connection with marketing the 1939 peel. Buying was at a standstill pending the maturing of a primary market value based on new production.

Elm.—Demand has tapered off some, leaving fairly steady prices and a comparatively low volume of trade with consumers. Undertones were generally firm, however, in the absence of much competition in local circles.

Soap.—Consumers for technical purposes were reported buyers of fair quantities of powdered material and hence the general market undertone on spot was one of substantial steadiness at all times last week.

Beans

Tonka.—Business was moderately active, consisting of a fair volume of smaller requirements that resulted in keeping prices to a generally steady price position.

Vanilla.—Bourbon beans were higher at $5.25 to $5.50 per pound. Mexican whole beans were $5.25 to $5.50, and the Mexican cuts were up to $5 to $5.25. These prices emphasized the high cost of replacements abroad and the belief of foreign shippers that substantially higher prices will be paid before another crop is marketed. In the meantime spot business was reported to be rather quiet but the outlook for the future was considered favorable.

Berries

Cubeb.—Very fair trading was noted and market undertones continued to be generally steady in keeping with well-maintained quotations.

Saw Palmetto.—Buyers showed little interest in spot offerings and it was understood that reserves were ample in local circles. Prices continued to be low but levels were so low as to effectively check any tendency toward shading when firm orders were in sight.

Flowers

Arnica.—The market was firm in price but only active as far as sales were concerned. A fair stock exists in this market, surely enough material being in hand to care for requirements during the Summer period and until new production in Europe reaches this market.

Elder.—Under competition values were shaded slightly to the basis of 19c. to 21c. per pound for bright flowers. Not all sellers were disposed to meet the competitive figure.

Linden.—Material with leaves was quoted 26c. to 27c. per pound, and a fair amount of business was taken at the inside figure by the close of last week. Material without leaves lacked quotable change.

Orange.—Quotations established the market at 31c. to 33c. per pound and conditions were fairly steady on the basis of the slightly lower figure. Buyers, however, traded close to actual requirements.

Saffron.—The stronger market noted on Spanish flowers of late continued to prevail on spot and with a fair demand current through the period, conditions were definitely suggestive of the full maintenance of sellers' price views.

Gums

Aloe.—The entire outlook favored maintenance of prices in the primary market. Nothing at this time suggests the creation of stocks sufficiently large at the source to result in prices developing a downward trend. Curacao gum was very firm on spot.

Arabic.—Values were low, especially attractive to buyers and, so far as could be learned last week, likely so to remain during the nearby future. In fact conditions were favorable for buyers' operations but it was difficult to get any consumer to cover requirements very far ahead. While low, prices were also steady.

Benzoin.—Demand along somewhat broader lines reached the market for Sumatra gum last week, tending to create firmer market undertones and checking any tendency toward shading of quotations. The market was fully maintained in all respects.

Karaya.—Some qualities of material were available as low as 14c. per pound, while upwards of 23c. had to be paid for others. The market was steady as to demand, sellers reporting that buyers covered requirements in fairly liberal fashion.

Myrrh.—Quotations continued to show an easier trend and the market last week was 39c. to 40c. per pound. Demand was on a hand-to-mouth basis much of the period under review and that caused competition to assume a more prominent role in the market.

Herbs and Leaves

Buchu.—The market was easier and generally quiet. Buyers were aloof pending further price developments not unlikely to come on spot in company with new crop arrivals.

Ephedra.—The market was still on the easy side because of the presence of ample stocks in this country. Quotations for goods out of spot stocks were around 9c. per pound.

Liverwort.—At 20c. to 22c. per pound, unsettled market position and to assume a somewhat firmer position generally. The future movement of price will depend on the results of new crop collections.

Marjoram.—The market held firm so far as French flowers were concerned; 18c. to 18½c. per pound was quoted. Tunisian material was quiet to dull. Replacement costs were well stabilized.

Stramonium. — Rejections of arrivals has kept the spot stocks conservative so far as foreign merchandise has been concerned. It was notable that during the previous week the Department of Agriculture reported detention of 788 bales. This was an error and should read 78 bales.

Miscellaneous

Ergot.—The market remained in statu quo. Prices were steady, demand was moderate, and the future was just as uncertain as it had been for many months. The future of trade in this article was interwoven closely with the future of government in Spain.

Grains of Paradise.—Quotations were down to 40c. to 45c. per pound and following the decline undertones became firmer and values showed no disposition toward further decline.

Guarana. — Inquiries improved in number and size, according to some sellers. In the main, the market appeared to be firmer in undertone and throughout the past week prices were well maintained.

Lycopodium.—Little demand was current but the market kept a firm undertone in keeping with the fact that the replacement markets provided little opportunity for trading; practically nothing was offered for shipment.

Papain.—Some news from the primary market was of a character likely, if confirmed, to result in a strengthening of local quotations. However, for the time being, spot prices lacked change, possibly in keeping with the lack of much demand from consumers.

Roots

Aletris.—With the collection season of the year directly ahead, the undertone of the market on this material was slightly less steady and prices were noted at 39c. to 40c. per pound.

Berberis. — Competition prevailed among spot sellers, possibly because the collection season was not far away. Quotations were shaded to the basis of 10½c. to 11c. per pound.

Pink.—The market receded to the basis of 33c. to 34c. per pound and ended the week moderately easy there-

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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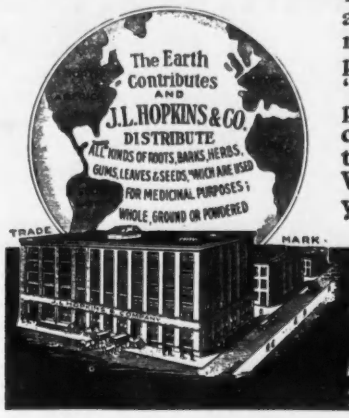
Each time a user of your product buys it, he testifies that he takes your word for the claims you make. Each repeat sale thereafter is a confirmation of the fact that your product has kept its promise. To maintain that feeling at all costs is the most important function of your preparation—and our Botanical Crude Drugs. For nearly a half-century, we have had the privilege of helping manufacturers maintain the uniformity and quality, which build success, by supplying the world's finest Foreign and Domestic botanical crude drugs in all commercially used forms. In the merchandise we sell to you and the products *you* sell your customers, "quality is remembered long after price is forgotten." And, after all, it costs as much to manufacture a low-test product as a high-test product. We invite the opportunity of serving you. *Samples and quotations on request.*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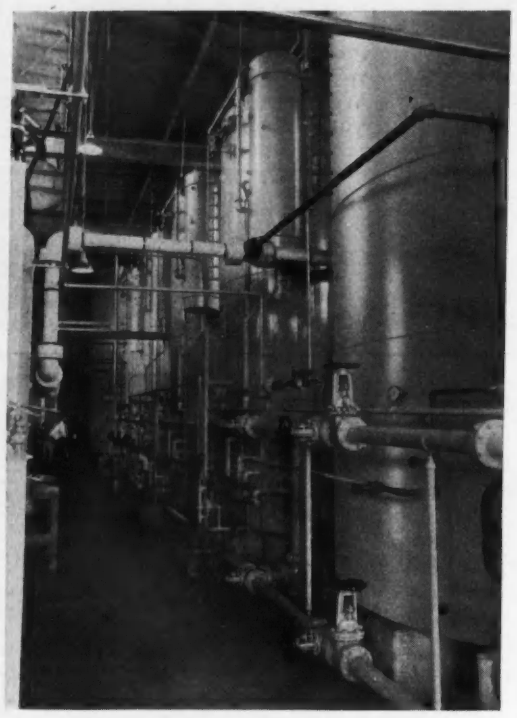

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Produced from a natural source and approved after actual use over a long period of time, LIGNIN VANILLIN C. P. is of unusually high quality and superior flavor.

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GENERAL DRUG COMPANY

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TRANSPORTATION BLDG., LOS ANGELES, CAL.
9 SOUTH CLINTON ST., CHICAGO, ILL.
907 ELLIOTT STREET, WEST, WINDSOR, ONT.

at notwithstanding the fact that the carryover stock was not expected to be larger than usual this year.

Senega. — The downward trend of prices has stopped. However, demand still held aloof from the spot and a reversion to firmer position apparently awaited the development of an export request.

Skunk Cabbage.—The market eased to 11c. to 12c. per pound. New collections will start in the not far distant future and some sellers showed a desire to reduce carryover. Hence, buyers' bids were accepted in some directions last week.

Seeds

Canary.—Argentine seed was lower at 3.85c. to 4.10c. per pound. Other varieties lacked change. Demand was light.

Colchicum. — Although trade was light, prices of dealers on spot were in generally well stabilized position and signs of an early change in that aspect of the market were lacking.

Quince. — Business was fairly good, but in the main it was built mainly of the requirements of smaller manufacturing consumers. Quotations were steady.

Sabadilla.—Outlook for trade in powder brightened with the development of a slightly broader interest in the material. Sales in two quarters rose considerably.

Strophanthus.—Kombi seed was steady at $1.05 to $1.10 per pound and demand for small lots was fairly good, though the total of business built by the close was not large.

Spices

Cassia.—Selected broken China cassia was lower at 11½c. to 12c. per pound. No other varieties of cassia were changed in price last week.

Clove.—Madagascar spice was down to 15½c. to 16c. per pound. Zanzibar held unchanged. Demand was moderate.

Ginger.—The sole change in prices within this group came in bright grinding Jamaica root which was reduced to 9c. to 9½c. per pound last week.

Nutmegs.—West Indian material revived in strength and prices were advanced fractionally to 10c. to 10½c. per pound. East India material failed to change in price.

Paprika.—Hungarian pepper declined to 34c. to 34½c. per pound on extra fancy, and to 33½c. to 34c. on fancy. Also, the nominal quotation on extra fancy Spanish was lower at 45c. Portuguese pepper lacked quotable change.

Pepper. — Prices were generally steady and, with a fair sized but not expanding trade in spot goods, the position of the material was possibly more stable than it had been in the recent past.

Trading in black pepper futures on the New York Produce Exchange from March 11 to March 17, inclusive, comprised 109 contracts, a total of 3,662,400 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	4.18	3.90	3.94@3.98
February	4.08	4.08	3.99 nom.
May	3.80	3.51	3.64@3.69
June	3.68	3.67	3.69 nom.
July	3.90	3.61	3.72@3.75
September	3.95	3.75	3.81@3.83
October	3.96	3.88	3.83@3.88
November	4.08	4.08	3.86@3.93
December	4.14	3.89	3.91@3.93

'Loss Leader' Ban Bill Passes N.Y. Assembly

—Continued from page 5

ment contracts and sales in good faith to meet competition.

Opposition to the bill was voiced recently by the Merchants' Association of New York in a letter to Senator Walter J. Mahoney, chairman of the state senate codes committee. In its letter to Senator Mahoney the association declared that the numerous prohibitive and punitive clauses of the bill are too far-reaching; that many other clauses are inconsistent and that as drafted it is neither a practicable nor a workable law and of doubtful constitutionality.

Other bills introduced and referred to the rules committee included No. 1986, by Albert V. Maniscalco, Democrat of Stapleton, which amends chapter 976 of the laws of 1935 (the Feld-Crawford fair trade act) to make a third party beneficiary guilty of unfair competition when knowingly violating any provision of a contract entered into, of which he is not a party, made pursuant to act for protecting trade mark owners and public against injurious and uneconomic practices in distributing articles of standard quality with trademark.

Deep Rock Oil Payment Of $1,200,000 Recommended

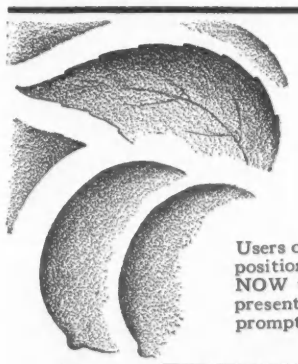
An interim cash payment of $1,200,000 will be recommended for holders of the Deep Rock Oil Corporation 6 percent and 7 percent convertible notes and certificates of deposit at a hearing in the reorganization proceedings March 30 before the Federal court in Tulsa, Okla., according to J. J. Shinners, head of the reorganization committee. Mr. Shinners also stated that a meeting of the reorganization committee has been called for April 4, at which time committee members and their counsel will determine recommendations which it should make to the district court and security holders in view of the recent ruling of the United States Supreme Court, setting aside the reorganization plan.

Coty, Inc., cosmetics, this city, has changed to April 6 the date for the special meeting of stockholders originally called for March 30 to consider separation of domestic and foreign business of the company.

Disposal of Oil-Field Brines Discussed by Mines Bureau

As a feature of its study of the disposal of oil-field brines, the Bureau of Mines has just published a report on the construction of seven typical oil-field brine-conditioning plants and their operation in preparing brines for subsurface disposal. The investigation is being conducted in cooperation with the Kansas State Board of Health. Oil-field brines are frequently a troublesome operating problem in the production of petroleum and sometimes constitute a source of pollution of water supplies.

The report discusses in detail the construction and operation of seven typical oil-field brine-conditioning and disposal systems. The data include the chemical and corrosive characteristics of brines before, during and after, conditioning in various types of systems for subsurface injection. These studies, by Sam S. Taylor, C. J. Wilhelm and W. C. Holliman, have been published as Report of Investigations 3434, "Typical Oil-field Brine-Conditioning Systems: Preparing Brine for Subsurface Injection." Copies are available without charge upon request from the Bureau of Mines, Washington, D. C.



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OIL LIMES DISTILLED

Users of this delicious flavoring oil who are in a position to negotiate their season's requirements NOW will find added incentive to do so in its present favorable price. Write or wire us for prompt quotation.

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Essential Oils, Aromatic Chemicals

Italian Lemon Weaker Abroad and Lower on Spot—Mace and Nutmeg Subjects of More Competition—Anise Lower For Import—Cassia Shaded Locally

Developments in the market for essential oils last week were mainly along lines laid down for some time. Cables from China reduced shipment quotations on anise. Cassia was also weaker there and lower on spot. The lemon oil market in Italy was lower and weaker, the condition being reflected in local quotations. California lemon, however, continued to be held at prices considerably lower than those asked for Italian merchandise and were still well stabilized. California orange showed the way to all other kinds of oil when it came to price. The high quality also appealed to discriminating buyers. In general trade was slow and confined to activity designed solely to cover the nearby needs of most buyers last week.

Spot quotations on cardamom and cedarleaf oils were slightly lower under competition. Mace and nutmeg felt the force of more competition and while some producers reduced prices, others kept schedules unchanged and declared that the market should be fully 15c. the pound higher. Artificial mustard yielded to buying by bids. Fennel was off slightly but appeared to be firm at the decline.

Although both peppermint and spearmint were dull on spot, in the middlewest interest was more lively and centered on the matter of acreage to be planted this year. Prices throughout the past year have been too low to please producers and some feel that fewer acres will be cultivated this year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Tansy, 25c. per lb.

Reduced

Cassia, 2c. per lb.
Cardamom, 25c. per lb.
Cedarleaf, 1c. per lb.
Fennel, 5c. per lb.
Lemon, Italian, 15c. per lb.
Mace, 3c. per lb.
Mustard, 5c. per lb.
Nutmeg, 3c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
69.1	69.5	69.5	76.8

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—No further easing of prices on sweet oil was noted. In fact, the market was considered to be generally on the firm side with moderate demand supporting quotations on a basis in line with prevailing cost of replacements.

Amber.—The undertone was very steady. Sellers were little disposed to entertain buyers' bids, pointing to the well maintained cost of shipment material in the primary market. Local demand was moderate.

Anise.—Cables came in about 1½c. per pound lower last week. The spot was easier to weaker but lacked quotable change. Demand was strictly routine throughout the period and the total of business was not very large.

Bergamot.—The undertone was easier abroad and prices seemed to grow softer as the week passed. Locally, conditions were favorable for consumer operations but the volume of transactions was moderate by the close of the period.

Camphor.—The more or less nominal position of the market for a number of weeks continued unabated and without sign of an early change in that aspect of affairs. Normal commerce with the primary market was still impossible and absence of the usual reserves in this market kept prices high and practically nominal.

Cardamom.—Competition was fairly acute and kept prices moving in favor of buyers. At the close of last week, quotations were down to the basis of $13.28 to $25.50 per pound, the extremely wide range covering wide differences in the quality of oil available.

Cassia.—The market was easier to weaker and spot quotations were shaded to the basis of 93c. to 95c. per pound by the close of last week. Transactions were along conservative lines, buyers doing little beyond covering the needs of the immediate future.

Cedarleaf.—Inactivity in the spot market led to shading of prices under competitive circumstances. Drums were noted at 55c. to 57c. per pound, and cans stood at 60c. to 62c. However, little tendency to extend the decline was noted.

Citronella.—In view of the well-known weakness and cheapness of Java oil in this and other markets in the world, the special report of the American commercial attache at Batavia, as issued by the Department of Commerce, may prove of more than ordinary interest. The reports declare that, due mainly to the large crop and in part to activities on the citronella oil exchange, exports in 1938 totaled 2,081 metric tons, comparing with 1,574 metric tons in 1937. The export to the United States in 1938 was 688 metric tons, against 570 metric tons in 1937. Because the 1937 crop was small, prices advanced sharply at the beginning of 1938 and higher prices tended to increase the size of the next crop sharply. The low prices in 1938 are expected to result in a sharp reduction in acreage from which the next crop will be produced.

Clove.—The situation changed very little. Demand remained moderate, but also very steady. Prices held at low and not especially profitable levels. Increase in the returns to the producers still awaited on broadening of consumer requirements.

Eucalyptus.—Business was reasonably active, consisting of a fair volume of small orders that built volume to an appreciable size by the close of the week. Quotations were lacking in change and appeared to be basically steady.

Geranium.—Exports of oil from the island of Reunion in 1938 totaled 86 metric tons, comparing with 81 metric tons in 1937. The spot market on Reunion oil remained easy, quiet, and confined to transactions on a restricted base of actual consuming requirements. Other kinds of geranium oil were in similar position.

Grapefruit.—The producers have kept the price well stabilized since new crop began to be marketed and during the past week a moderate amount of spot business confirmed the prices recently quoted. The entire situation appeared to be under excellent control.

Ginger.—Raw material costs were still very low and this tended to keep oil prices stable on the basis finally reached through a series of declines. Business in a jobbing sense was very fair last week.

Lemon.—The market in Italy was easier to weaker and prices were on the downward trend. Locally, values were reduced to the basis of $2.75 per pound as minimum. The range, according to seller and brand, was to $3.75. California oil was steady at $2.50 per pound with supplies plentiful and stability of values still an important feature.

Lemongrass.—Demand was quiet to moderate throughout the past week and for the most part conditions were expected to continue favorable for consumer operations. Prices were very low.

Lime.—Competition between Mexican and West Indian oil continued, with the former underselling the latter by a wide margin. In all respects, market conditions favored buyers. Improved request was expected to develop along seasonal lines as Spring draws nearer to Summer and consumers prepare for the wider demand which their products usually receive from midyear on.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

3 WATER SOLUBLE PERFUMES
ORANGESOL MM&R ROSESOL MM&R
BLUEBELLOL MM&R (Lilac Type)
A triumvirate of water soluble perfumes that are superior to the more expensive odors they replace. All three dissolve clearly, requiring no filtration and are not subject to bacteriological putrefaction or freezing.
Samples available on request
MAGNUS, MABEE & REYNARD, INC.
Essential Oils, Balsams, Aromatic Chemicals, Concentrated Flavors ... Since 1895
16 DESBROSSES STREET, NEW YORK, N.Y.
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WE SPECIALIZE IN REDISTILLING
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Oil of Cassia, Redistilled, U. S. P.
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Every trace of impurity removed. Flavor the finest it is possible to obtain.
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Manufacturing Consumers
Importers and Distributors at first hands, not only in the United States and Canada but throughout the world, receive the Oil, Paint and Drug Reporter every week.

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For Polishing Compounds—For Cosmetic Preparations
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GUMS
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Powdered in our own mills under laboratory control
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"EXCHANGE"
OIL ORANGE C P
can rightfully be called
America's No. 1 Oil
Each year increases its popularity
With summer in the not too far distance, we suggest covering your requirements NOW while the price is exceedingly low.
We solicit your orders for prompt or future delivery.
DODGE & OLCOTT COMPANY
180 VARICK STREET NEW YORK, N. Y.
Boston Chicago Philadelphia St. Louis Los Angeles
Plant and Laboratories: Bayonne, N. J.

Mace.—Some sellers reduced quotations to $1.12 per pound in drums. Others continued to hold at $1.15 and declared that, on the basis of the cost of production and consumption, values should actually be around $1.30.

Nutmeg.—The market ranged $1.12 to $1.15 per pound according to seller, being full evidence of the competition which was said last week to have driven values far below a level warranted if reasonable returns to the producers were to be secured.

Peppermint. — Prices seemed to be about steady notwithstanding the absence of much consuming demand. In the middlewest, thoughts were centered on preparations for the new crop which will be planted in the not far distant future. To this time, no estimates concerning the probable acreage to be planted have been made by primary market factors. The crop last year was smaller than in 1937, but prices remained very low notwithstanding. It was thought last week that a fair amount of oil will be carried over in the country.

Aromatic Chemicals

Acetaldehyde.—The perfumers' grade of this material was steadily held as to price and moved in moderately good-sized volume last week.

Acetophenone. — Business was slow and volume was based mainly on buying rarely exceeding jobbing size at any time last week. Pricewise, however, the market was very steady because of an absence of competitive pressure against prevailing values.

Amyl Salicylate.—Business improved to a slight extent and took place on the basis of prices fully steady in all respects and free from the pressure of competition. Stocks were about normal.

Anethol.—More inquiry was noted, but some quarters indicated that the volume of sales changed little if any from that recently noted. Prices remained substantially steady in all quarters. Raw material was cheaper for shipment.

Anisic Aldehyde.—Fully steady prices prevailed in a market that was quiet as to undercurrents but fairly satisfactory as to sales into consuming channels.

Benzaldehyde.—Trading continued in fair volume. However, consumers were disposed to buy close to prompt requirements and coverage. More distant needs were a rarity on spot last week. Prices continued well stabilized so far as producers were concerned.

Benzyl Compounds.—Sellers reported steady selling in fair-sized quantities. Prices were well maintained at all times and little tendency to shade them was reported in local circles. Production was said to meet consuming requirements without also involving an undue accumulation of producers' reserves.

Borneol.—The supply was light but so also was the demand current on spot last week. In some ways it was a nominal market. Not all dealers in aromatics were able to offer prompt delivery material.

Bromstyrol.—Demand held up very well and movement contributed to firmness of prices in all quarters on spot. Replacement costs were also well maintained and that gave added support to current price schedules in local quarters.

Carvol.—Trade was light. However, it was no smaller than it had been recently and in the main the market compared favorably with conditions prevailing generally for some time past. Prices were very steady.

Cinnamic Alcohol.—Resellers reported a very fair business but the producers indicated that movement was conservative at the best and confined mainly to hand-to-mouth activity on the part of buyers.

Cinnamic Aldehyde.—Business was slow. Consumers' stocks seemed sufficient to care for manufacturing needs and hence new business reached the leading suppliers in very moderate volume. Prices held steadily.

Citronellal.—Demand was of the sort average to the market for some time. It covered mainly the moderately future requirements of most buyers and reached a fair total on the basis of steady prices.

Citronellol.—Inquiry improved moderately and the market as a whole was steady throughout the past week. However, occasional shading in resale quarters was reported, though only a minor extent.

Citronellyl Butyrate.—The great usefulness of this article in modifying the sharp odor of citronellol kept its movement to buyers very steady and resulted in well maintained spot quotations.

Ethyl Cinnamate.—Undertones of steady character governed the spot market throughout the past week. Buyers traded frequently in quantities somewhat larger than their nearby needs required. Hence volume was an improvement over that in recent periods, according to some.

Ethyl Phenylacetate.—Business was irregular and on the whole rather slower than it was recently. However, prices were not unsettled, replacement costs tending to keep local values well stabilized.

Ethyl Vanillin.—Interest on the part of those favoring the use of material finer, better, and stronger than ordinary vanillin took normal quantities in a market generally considered to be reasonably stable.

Eucalyptol.—Values were fully steady. Competition was negligibly a part of transactions locally and quotations were generally well maintained throughout the period under review. Furthermore, the position of raw material did not forecast any lower cost to produce the derived material.

Eugenol.—Stability in raw material prices kept this article to an equally stable position. Furthermore, supporting demand reaching the leading producers was added influence in the maintenance of quotations on a firm basis.

Trade Briefs

Elmo Thompson has been elected executive vice-president of the Sunray Oil Company, Tulsa, Okla.

France extracted 3,274,000 metric tons of crude potash salts in 1938, compared with 2,833,000 tons in 1937.

Carbo-Oxygen Company has sold its three buildings and warehouse in Bayonne, N. J., to the National Cylinder Gas Company.

National Petroleum Association will hold its thirty-sixth semi-annual meeting in the Hotel Cleveland, Ohio, April 13-14.

C. E. K. Mees, vice-president of the Eastman-Kodak Company, Rochester, has been elected a fellow of the British Royal Society.

Imperial Oil Company will soon begin construction of a $1,700,000 refining and cracking plant at their Calgary, Alberta, refinery,

C. R. Olson has been appointed advertising manager for the Lion Oil Refining Company, succeeding W. R. Haun, who becomes sales manager for the company's Mississippi division.

Cosmetics Production Gained Sharply in 1937

Production of perfumes, cosmetics and other toilet preparations in 1937 was valued at $132,336,481, against $119,529,172 in 1935, according to the Biennial Census of Manufactures, released by the Bureau of Census. Production by kind and value follows:—

	1937.	1935.
Perfumes, cosmetics, and other toilet preparations	$109,929,262	$99,643,505
Other products (not normally belonging to the industry)	22,407,219	19,885,667
Perfumes, cosmetics, and other toilet preparations made as secondary products in other industries	33,095,051	29,794,147
Perfumes	8,480,274	8,132,838
Toilet waters	4,115,019	3,330,441
Creams, other than shaving cream	17,597,261	14,430,014
Rouges—		
Lipstick and lip rouge	4,417,957	4,714,330
Other rouges	2,519,650	2,574,273
Dentifrices	35,559,134	29,722,047
Depilatories	407,771	573,961
Shampoos—		
Containing soap	3,556,419	2,927,933
Containing no soap	1,982,305	1,229,121
Face powders	11,286,997	11,204,874
Talcum powders	6,041,117	5,095,403
Other toilet powders	3,112,244	3,529,151
Hair dyes	1,900,533	2,025,468
Hair tonics	5,035,521	3,955,855
Face lotions	7,831,471	5,566,415
Hair dressings	6,301,622	5,064,291
Deodorants, for human use	3,502,726	3,023,564
Bath salts	951,809	758,288
Manicure preparations	5,160,127	5,665,537
Shaving cream containing no soap*	1,854,219	1,012,535
Other toilet preparations	11,410,137	14,896,313

* Shaving cream with soap base is classified as a product of the soap industry. The total production of shaving cream, including that containing soap, in 1937 and 1935 was valued at $9,629,485, and $7,957,009, respectively.

Flavoring Extracts Output Up in 1937

Production of flavoring extracts and flavoring syrups and related products was valued at $117,897,193 in 1937, against $67,874,935 in 1935, according to the Biennial Census of Manufacture, just released by the Bureau of Census. Output by kind, quantity, and value follows:—

	1937.	1935.
Flavoring extracts, flavoring syrups, and related products	111,272,892	62,958,072
Other products (not normally belonging to the industry)	6,624,301	4,916,863
Flavoring extracts, flavoring syrups, and related products, made as secondary products in other industries	15,993,458	14,627,450
Flavoring extracts, total value	$23,819,800	.....
Quantity reported—		
Gallons	4,926,486	
Value	$18,927,805	5,197,976
Quantity not reported, value	$4,891,995	$21,896,980
Flavoring syrups*—		
Gallons	57,234,308	37,555,687
Value	$76,417,490	$40,862,982
Flavoring concentrates (except grape)—		
Pounds	4,707,574	1,048,996
Value	$9,621,763	$2,042,561
Grape concentrates, total value	$217,747	
Quantity reported—		
Pounds	212,956	99,641
Value	$138,797	$58,247
Quantity not reported, value	$78,950	
Flavoring powders, total value	$4,571,563	
Quantity reported—		
Pounds	12,242,206	9,779,380
Value	$4,033,970	$2,864,135
Quantity not reported, value	$537,593	
Flavoring pastes, total value	$2,160,321	
Quantity reported—		
Pounds	14,778,631	2,210,080
Value	$1,761,496	$966,755
Quantity not reported, value	$398,825	
Fruit juices (except grape)†—		
Gallons	1,545,665	1,641,644
Value	$1,566,220	$2,237,413
Crushed fruit, for fountain use—		
Gallons	3,124,821	1,883,473
Value	$4,427,994	$3,504,591
Cordials—		
Gallons	.....	21,178
Value	‡.....	$24,612
Colors, value	$3,966,122	$2,265,395
Not reported by kind, value	$497,330	$861,861

* Not including chocolate syrup, as follows—For 1937, 5,305,010 gallons, valued at $5,341,315: 1935, 3,743,707 gallons, $3,405,720.

† Not including grape juice and other fruit juices made for sale as beverages.

‡ Included in figure for "Not reported by kind," to avoid disclosing approximations of data reported by individual establishments.

§ Includes value of cordials.

Gasoline price posting and fixing have been approved by the New York State assembly in the passage of the Ehrlich bill (A. 2063). The measure is now before the State Senate.

A. M. TODD CO.

Growers, Distillers and Refiners of

ESSENTIAL OILS

CRYSTAL WHITE — DOUBLE DISTILLED

PEPPERMINT, SPEARMINT, WINTERGREEN, Etc.

Main Office and Works

KALAMAZOO, MICH., U. S. A.

Your Products

hold their original excellence with penn-drake white oils

• refined by remarkable new Karnsite Process

You're free from worries about spoilage that causes loss of sales when Penn-Drake White Oils are part of your formula. There's no oxidation in sunlight, heat or air because our special Karnsite Process of high-speed refining and super-processing takes out *all* the impurities that can cause undesirable odor, color and taste.

The toughest scientific Acid and Freeze Tests prove Penn-Drake's superior purity—no discoloration, no clouding even at zero.

With Penn-Drake White Oils as a base, your products hold their original sales-making qualities. No kick-backs from your retail outlets. They are just as fine when they reach the consumer as the day you made them.

You'll want the complete story on Penn-Drake White Oils in our new free booklet "Making Your Pharmaceutical and Cosmetic Products More Profitable." Ask also for samples to test in your own laboratory. Write us today.

THE PENNSYLVANIA REFINING CO., Butler, Pa.

Quality Petroleum Products Since 1887

penn-drake white oils and petrolatums
Insecti-sol (odorless base)
motor oils, waxes and other petroleum products

penn drake petroleum products

Petroleum Solvents, Lubricants, Fuels

Continuance of Present Oil Proration Urged in Texas—"Hot Oil" Law Passed to Senate—Texas Organizes to Buck Federal Control—Crude Advanced in Midcontinent

The fact that both independent and major oil operators in Texas, at a hearing before the Texas Railroad Commission, favored the maintenance of the present five-day production week for another three months, was construed as indicating that the commission would probably grant their request. Leading men in the Texas industry told the commission that if the present production week is maintained the industry will probably reach June 1 on a very sound basis. They also predicted that if Texas leads the way with a three-month order at the present rate of production, other states will follow.

Meanwhile Texas oil men were mobilizing forces to combat any possible attempt at Federal control of the industry in that state. That such an attempt is imminent was realized from warnings sounded by informed sources, including Elliot Roosevelt, son of the president. The recent report of the national resources committee to Congress, recommending some sort of Federal control, and apparently with the blessings of President Roosevelt, has brought home to oil interests that the move for Federal control is not an idle gesture.

Carrying the full indorsement of Secretary of Interior Ickes, the Connally bill to make permanent the so-called "hot oil" law was approved by the Senate Finance Committee last week and sent to the senate for passage. The existing law which will expire on June 30 unless renewed, prohibits interstate shipment of oil produced in excess of quota fixed by state regulatory bodies.

Bills are now pending in the legislatures of California and Michigan to authorize membership in the Interstate Oil Compact Commission.

Panama imported 167,228 barrels of gasoline in 1938. Peru furnished 48 percent, the United States 30 percent. Imports of lubricating oils were 4,581 barrels, of which the United States supplied almost 88 percent.

Lubricating stocks and paraffin waxes were the strength in the Eastern refined petroleum market last week. Some grades of lubricating oil were advanced, while others were very strong at the prices previously quoted. Crude scale wax of the 122-124 a.m.p. grade was advanced in price while the 124-126 material was stabilized at the higher price noted two weeks ago. The market was strong at the new price level and factors indicated that another advance may be looked for this week. The terminal and tankcar prices of heating and fuel oils were reduced in New York. Gasoline was showing firmer tendencies while kerosene and heating oil weakened.

In Chicago, gasoline, tractor fuels and lubricants were beginning to gain strength while heating oils eased off. All grades of motor fuel were increased ½c. in the South Atlantic sections. All seasonal products gained strength in Group 3, while distillates lost ground.

Crude oil prices were advanced in North Texas, Oklahoma, South Arkansas and North Louisiana fields, while the price was reduced in the Western Michigan field.

Stocks of refined grades of domestic and foreign crude oil at the close of the week ended March 4 totaled 272,971,000 barrels, according to the Bureau of Mines. Compared with the previous week, this represented an increase of 1,213,000 barrels, comprising a rise of 1,223,000 barrels in stocks of domestic crude oil but a decline of 20,000 in stocks of foreign oil.

The daily average production of crude oil in the United States for the week ended March 11 totaled 3,353,000 barrels, an increase of 38,150 barrels from the previous week's figure, according to the American Petroleum Institute. Daily production for the four weeks ended March 11 averaged 3,330,250 barrels. Reports from companies controlling 85.8 percent of the nation's refining capacities indicated that the industry as a whole ran to stills, on a Bureau of Mines' basis, 3,205,000 barrels of crude oil daily during the week ended March 11, and that all companies had in storage at refineries, bulk terminals, in transit and in pipelines, 85,966,000 barrels of finished and unfinished gasoline, 22,322,000 barrels of gas and distillate fuel oil and 108,324,000 barrels of heavy fuel oil.

Solvents and Diluents

The undertone of the market for these products was reported fairly firm last week by the majority of suppliers. No general increases in the movement of stocks were noted but sales continued steady.

Cleaners' Naphtha.—Ruling prices were in force and they showed no tendency to change. Shipments to consumers continued in routine fashion.

Petroleum Thinners. — The market held the small gains it made two weeks ago but did not show any further increase in number of sales. Pricewise, the market was firm at the quoted levels.

Stoddard Solvent.—A small spurt in business in the early part of the period under review fell off toward the end and the market regained the level it held two weeks ago. The Federal specification for dry-cleaning solvent has been amended to become effective April 15. Copies of the revised specification (P-S-66la) may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5c. each.

V. M. & P.—Reports from all points indicated that the market held only routine buying interest. Prices did not vary from the quoted levels.

Markets at Other Centers

Chicago, March 15.—Trade in the petroleum solvents and diluents remains moderately active and the nature of the buying suggests that buyers are optimistic over the outlook for Spring. However, there is no over-enthusiasm. Inquiries remain fairly good for various items. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 3¾c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c. tankwagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; V. M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, March 15.—Increased industrial activity is helping the demand for these products and firmness is in evidence in the rubber solvents, Stoddard and V. M. & P.

Lighter Fractions

Trade here remained quiet although stocks continued to move satisfactorily. Sellers were indisposed to press their supplies but preferred waiting for the increased demand expected during the next few months.

Butanes.—Shipments continued to move in a small way although no sales gains were reported. The price was firm.

Octanes.—This mixture held the firmness it gained three weeks ago although no further advances in sales were made. The price was steady at the quoted level.

Petrolatums and Waxes

The market for crude scale wax gained strength during the week and all sellers increased their price for the 124-126 material to a figure that had been quoted by one producer two weeks ago. On top of that the majority of suppliers raised the price of 122-124 a.m.p. material. The yellow 124-126 crude scale was also advanced. Petrolatums and white mineral oils showed no changes in status.

White Mineral Oils.—Both domestic and imported material held steady last week although no further gains in either demand or inquiries for future business were reported. Price-wise the market was firm.

Paraffin Waxes.—The car lot price of the 122-124 crude scale white was stabilized at 2.60c. per pound at New York. This was a five to ten point increase over the previously quoted figure of 2.50c. to 2.55c. per pound. The yellow crude scale was also advanced five points to ten points at 2.60c. per pound for car lots in New York. The 124-126 white material was stabilized at 2.60c. when all producers raised their price to a level set by one of them two weeks ago.

CHICAGO, March 15.—Trade in refined petroleum wax is moderately good. Inquiries have been better in some quarters, it is said. Prices are considered in comparatively steady position. Current takings by buyers are said to be all that might be expected. Offerings are not being pushed out under stress, and tone is considered fairly settled. Ruling prices are:—122-124, bags, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132, 4.75c. to 4.8c.; 132-134, 5c. to 5.05c.

TULSA, March 15.—Quotations remain at 2⅝c. a pound for the 124-26 American crude with volume fair and the export market quite broad.

Petrolatum.—The price was well maintained at the scheduled level and demand showed small gains during the period under review. The undertone of the market was only fair but satisfactory to producers.

Fuels and Lubricants

Certain lubricating stocks moved to higher levels last week as a result of a good pickup in demands on the market. Fuel oils were strong in the early days of the period under review but slackened toward the end. There was a firming of prices noted for motor fuel as the Spring consuming season neared. Several price changes were made for all types of fuels and lubricants.

Gasoline.—Standard Oil Company of Indiana advanced by ½c. per gallon all subnormal prices to dealers and all subnormal tankwagon prices to consumers on all grades of gasoline in Minnesota, Iowa, Missouri, except St. Louis and St. Louis County, Kansas, and North

The State of the Petroleum Market

No price changes made last week effected this box.

	March 18	March 11	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.147	$1.135	$1.305
Gasoline prices at refineries (at four refining centers) per gallon	.0478125	.0478125	.048125

Outputs and Quotas

A comparison of Bureau of Mines calculations for February productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended March 11, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma	473,200	428,000	446,300
Kansas	150,300	156,850	139,000
Texas	1,363,900	†1,801,400	1,319,150
Louisiana	259,700	254,220	264,950
Arkansas	50,000	53,090	53,450
Illinois	125,500	.....	165,250
Eastern	100,300	.....	97,500
Michigan	47,700	.....	58,500
Wyoming	53,600	.....	51,000
Montana	13,500	.....	14,100
Colorado	4,200	.....	3,700
New Mexico	109,700	109,700	111,900
California	588,400	‡602,000	628,200
Total	3,340,000	.....	3,353,000

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of March. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Base allowable effective February 18. Shutdowns are ordered for all Saturdays and Sundays during March. Calculated net basic 7-day allowable for week ended Saturday morning, March 11, approximately 1,295,400 barrels daily.

‡ Recommendation of Central Committee of California Oil Producers.

Petroleum Production—Motor Fuel Stocks

	1939 Jan. 1-Mar. 18 (Barrels)	1938 Jan. 1-Mar. 18 (Barrels)
Commercial crude oil production	225,675,000	259,379,900
	Week ended Mar. 18, 1939	Week ended Mar. 19, 1938
Daily average production	3,347,082	3,369,100
	Week ended Mar. 11, 1939	Week ended Mar. 4, 1939
Estimated motor fuel stock total	85,966,000	85,379,000
Estimated finished motor fuel stock at refineries	54,442,000	53,987,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

and South Dakota. Where prices were less than ½c. below the normal, the advance was to be whatever was necessary to put them on a normal basis. Major refining companies in Texas posted a state-wide increase of 1c. per gallon in the tankwagon price of the three grades of gasoline being marketed in the state. Despite the firming tendencies in the Midwest where wholesale prices were upped ⅛c. to ¼c. per gallon, the New York and Gulf Coast markets were not considered particularly strong.

Kerosene.—The market was weak as demands from buyers fell off to a considerable degree. Despite the weakness the price managed to hold to the quoted level.

Fuel and Gas Oils.—The Standard Oil Company of New Jersey reduced heating and fuel oils, terminals and tankcars, ⅛c. per gallon at New York. Standard Oil of Indiana advanced by ⅛c. per gallon all subnormal prices on all grades of tractor fuel and furnace oil in six Midwestern states. The demand for industrial grades of fuel oil was at a higher level, reflecting seasonal activity. No changes were reported in the Bunker C fuel oil structure.

Lubricating Oil.—Cylinder oils joined neutrals and other Pennsylvania lubricating stocks in movement to higher market levels and several suppliers raised prices. Pennsylvania bright, 600 flash, was advanced ½c. to a price of 10c. per gallon. The 635 fire material was increased ½c. to 9c. per gallon, while the 650 fire was advanced ½c. to 9½c. per gallon. Prices were well maintained in the Western Pennsylvania district and many grades of lubricating oils were reported strong at the quoted levels.

Crude Oil Price Changes

The Commonwealth Pipe Line Company reduced the posted price of Western Michigan crude oil by 10c. per barrel to 78c. The Atlas Oil Corporation raised its posted price for crude in the recently discovered Shreveport Paluxy sand pool of North Louisiana, 3c. per barrel to a top price of 98c. This compared with a 5c. per barrel increase by the Caddo Crude Oil Purchasing Company, other buyers in the field, to a top of $1 per barrel. Dixie Pipeline Company will raise the price in Magnolia field of South Arkansas 5c. per barrel on April 1, making the new quotation in the field 80c. per barrel. Bell Oil and Gas Company today raised the price 4c. per barrel making its price 2c. below Stanolind's North Texas price and 11c. below Stanolind's Oklahoma price.

Tankwagon Price Changes

Standard Oil Company of Indiana advanced by ½c. per gallon all subnormal prices to dealers and all subnormal tankwagon prices to consumers on all grades of motor gasoline, kerosene, tractor fuel, and furnace oil in Minnesota, Iowa, Missouri (except St. Louis and St. Louis county), Kansas and North and South Dakota. Where prices were less than ½c. below normal, the advance was to be whatever was necessary to put them on a normal basis. A state-wide increase of 1c. per gallon in the price of gasoline was made by major companies in Texas. The advance applied to all three grades being sold in Texas.

Markets at Other Centers

Chicago, March 15.—The tankcar gasoline market is showing additional signs of improvement and believed to be in the best position noted in some months' time. Buying by both jobbers and larger purchasers has done much to steady and strengthen the market. No longer are there extensive amounts of gasoline overhanging the market. A large number of sellers are unwilling to sell ahead except at considerably higher prices. Kerosene is beginning to do somewhat better. The early farm demand is coming into play, and tractor fuels are in good call. Heating oils are beginning to ease off. The heavy fuel market is firm now, with earlier accumulations out of the way. Lubricants are in good tone.

GASOLINE.—Low octane motor, 3¾c. to 3⅞c. per gallon; 63-66 octane, 4c. to 4⅛c.; 67-69 octane, 4¼c. to 4⅜c.; 70-72 octane, regular, 4½c. to 4⅝c.; 60-62, 400, 3¾c. to 3⅞c.; 64-66, 375, 4c. to 4¼c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅛c. to 4⅜c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3¾c. to 3⅞c. per gallon; No. 1 white, 3⅝c. to 3¾c.; No. 1 straw, 3½c. to 3⅝c.; No. 2 straw, 3⅜c. to 3½c.; No. 2 dark, 3½c. to 3⅜c.; No. 3, 3⅛c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, March 14.—Experiencing the first change in domestic market prices for several weeks, all grades of gasoline showed a ⅛c. increase. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 5½c.; U. S. motor below 62 octane at 5⅛c.; 63-67 octane at 5⅜c., and 68-70 octane at 6c.—all prices being based on a per gallon rate at refinery.

The price of kerosene remained unchanged at a quoted price of 7⅜c. per gallon at refinery.

Bunker C fuel oil continued to be quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants were quoted at $1.36 per barrel, delivered.

Tulsa, Okla., March 17.—Expansion in the demand for all of the seasonal products—gasoline, kerosene and tractor distillates was much more noticeable than in the earlier part of the month. This firmness was supported by additional strength in the crude oil markets throughout the fields.

Bullishness is being held in check by the inability to restore normal prices in the large consuming states of Wisconsin, Indiana, Michigan and Illinois. In the latter two states rising production of crude oil, with expansion of refining facilities in small plants, is affecting the general situation. Sales of crude oil by producers at lower than posted prices is an unstabilizing factor.

Further weakness developed in distillates with a further contraction in demand, but the heavier industrial fuels are still in good demand as the general industrial output of manufacturing areas is being well sustained at a high rate. In many of the newer producing areas, heavy fuel oil is quoted at higher price than at any time during the past few weeks. Estimates of a four percent increase in gasoline consumption appears to be well borne out by the demand from all sections of the country.

Following are the approximate quotations for the various products traded in the mid-continent and central western areas on the basis of group three quotations:—

GASOLINE.—Firmer tone with the third grade at 3⅝c. to 4¼c. per gallon; 63-66 octane, 3⅞c. to 4½c. per gallon; 67-69, 4⅛c to 4⅝c. per gallon; 70-72, 4¼c. to 5c. per gallon.

NATURAL GASOLINE.—Better tone although no improvement in prices in Texas, with 26-70 selling at 2⅜c. to 2½c. per gallon, and in Oklahoma 2½c. to 2⅝c. per gallon. Other grades unchanged.

DISTILLATES.—Some prime white No. 1 sold as low as 3½c. per gallon this week with quotations ranging up to 3¾c. per gallon. No. 2 straw is weak at 3¼c. to 3½c. per gallon and gas oils at 2⅞c. to 3⅛c. per gallon.

FUEL OIL.—The heavy grades are moving well at 50c. to 65c. per barrel while the 24-26 gravity is unchanged at 85c. to 90c. per barrel and the low cold test at $1.

LUBRICANTS. — Substantial price improvement has failed to materialize although a firmer tone is everywhere noticeable. There is a good demand for all grades of bright stocks, neutrals and cylinder stocks.

Bolivia Takes Property Of Standard Oil Co.

The supreme court of Bolivia has affirmed a decree, issued in March. 1937, confiscating the oil concession and operating property of the Standard Oil Company of New Jersey in that country.

This action is the latest move in a fight against the company begun in December, 1936. The alleged basis was some sort of failure on the part of the company to abide by certain rules and its shipping of some crude oil to an affiliate nearby in Argentina. These charges, said W. S. Farish, president of the oil company, were but subterfuges, the company having met all requirements in both instances. Mr. Farish laid the confiscation to a desire, arising out of changes in the Bolivian government, to despoil the company and to nationalize the oil resources which it was developing.

U.S. Frees Five Untried In Gasoline Antitrust Case

Madison, Wis., March 15, 1939

On motion of the government indictments have been dismissed against five defendants remaining untried in the price-fixing conspiracy case of thirteen major oil companies which went to trial October, 1937. They are:—John A. Brown, president of the Socony-Vacuum Oil Company; D. W. Harris, general manager of the Louisiana Oil Company; Bernard L. Majewski, vice-president of the Deep Rock Oil Corporation; R. G. A. Van Der Woude, president of the Shell Union Oil Corporation, and Keith J. Fansheir, of the *Chicago Journal of Commerce.*

C. L. Hightower, of the United Gas Pipe Line Company, Houston, has been named chairman of the American Petroleum Institute's division of production 1939 committee on Fire Prevention.

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Fertilizer Materials

Demands on Market Satisfactory—Fish Scrap, Blood, Tankage Still Scarce—Superphosphate Production in January Down —Tax Tag Sales in February Decline

Uncertainty over the farm outlook for 1939 appeared to be retarding the fertilizer situation last week to some extent. The outlook for business in general was being clarified somewhat, with a good prospect of rising consumer incomes over the remainder of the year. This should result in better prices for farm products next fall, a condition which it was hoped would tend to influence the market for raw and mixed fertilizers.

Conditions in the New York market showed but small changes from the general situation that had prevailed since the beginning of the month. Most stocks continued to move at a satisfactory rate, although the demands on the market were not considered heavy. Fish scrap, domestic blood, and tankage continued scarce on the market. Imported blood, Japanese sardine meal, and imported tankage were lowered in price. Unground tankage was increased, as was imported bone.

Improvement in market conditions was reported in Atlanta with producers and mixers beginning to ship their products to farmers in the lower cotton belt of the South. The effects of the recent governmental investigation apparently were still felt in the upper Southeast as the market in Baltimore was reported shaky. Buying was active in the Midwest, although purchasers were exercising caution. Both the fertilizer and high-grade feeding tankage were reduced in price at Chicago.

The downward trend in superphosphate production, which lasted throughout 1938, continued in January, with the output for the month 12 percent less than a year earlier and 16 percent less than two years ago. There was a moderate decline from December, 1938, to January, whereas in past years production has been about the same in the two months. Total output of superphosphate in January was 276,440 tons compared with 313,223 tons in January, 1938. In the first seven months of the current fiscal year, from July through January, production was 1,791,300 tons, or 19 percent less than in the corresponding period of last year when production reached 2,225,817 tons.

The export of cocoa press cake from Netherlands during 1938 totaled 34,686 metric tons compared with 44,369 tons in 1937. The United States was the largest buyer, being credited with 15,542 metric tons.

The quota of Chilean nitrate of soda to be imported into Germany duty-free between December, 1938, and June 30, 1939, has been increased by 20,000 tons to 60,000 tons.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, imported, steamed, 50c. per ton, c.i.f., ports.
Tankage, unground, 15c. per unit-ton, New York.

Reduced

Blood, imported, 10c. per unit-ton, c.i.f., ports.
Fish scrap, Japanese sardine meal, 25c. per ton, c.i.f., ports.
Tankage, fertilizer grade, 15c. per unit-ton, Chicago.
high-grade feeding, 25c. per unit-ton, Chicago.
imported, 15c. per unit-ton, c.i.f., ports.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	**66.3**	**66.3**	**67.0**

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Conditions in the trade for most ammoniates were comfortable last week and showed little change from the previous seven-day period. Stocks were being disposed of at a satisfactory if not rapid rate. Price changes were made in blood, bone, fish scrap and tankage.

Nitrate of Soda. — Buyers continued to show interest in this ammoniate, although on the whole shipments fell off from the previous week. No change in price was made.

Sulphate of Ammonia. — Conditions surrounding the market were more quiet last week than for the past few months. Although stocks continued to move into consumption they did so at a slower rate. Producers expressed the opinion that most mixers had acquired enough sulphate for their estimated needs and that all stocks sold in the near future would be unexpected spot business. The price continued at the set level of $28 per ton and will not be changed until the new price schedule is announced for July, if it is changed at all.

Dried Blood.—Two carloads of domestic blood were available in New York last week but at the end of the week no buyer had as yet shown any interest. The price continued firm at $3.10 per unit-ton, f.o.b., New York. The imported material was sold at $2.75 per unit-ton, c.i.f., ports, a 10c. reduction from the previous quoted figure.

Fish Scrap. — In common with conditions noted for the past several weeks there was little demand for fish scrap and only a small amount of stocks available. Japanese sardine meal price was reduced 25c. to $48 per ton, c.i.f., ports.

Tankage. — Potential buyers continued to find no material on the New York market, although demand for it picked up in a small way. The unground tankage was reported available at $3.50 and 10c. per unit-ton, which was an increase of 15c. over the last named figure, but whether or not any sales had been made could not be determined. The fertilizer grade in Chicago was reduced to $3.35 and 10c. per unit-ton, a drop of 15c. High-grade feeding material in Chicago was also reduced, the new schedule being $3.75 and 10c. per unit-ton, which was 25c. less than the figure named two weeks ago. The imported product was lowered 15c. to $3.10 and 10c. per unit-ton.

Potashes

Volume of sales continued at a mild but satisfactory rate last week, further consolidating the heavier gains in trade noted three weeks ago. No prices were changed, although they were reported firm.

Phosphates

Producers were optimistic about the trade for this year as sales and demands for future business held up last week to the previously high levels. Domestic bone continued scarce in the New York market. The imported steamed material was advanced in price.

Bone Material. — The imported steamed bone meal was increased 50c. to a new level of $23.50 per ton, c.i.f., ports. All other prices remained firm.

Superphosphate. — Stocks moved steadily, although no great increase in demand was noted. To date, however, it appeared that the sales of superphosphate in 1939 will continue to show a decline as they did in 1938. Superphosphate is being manufactured from bones in Argentina by a company which uses the material in making mixed fertilizers.

Phosphate Rock. — The market showed no change, although inquiries for future deliveries picked up in a small way. A six percent decline in exports of phosphate rock from the zone of French Protectorate in Morocco was reported for 1938. The total volume was reported at 1,432,877 metric tons compared with 1,526,427 tons in 1937.

Sulphur and Pyrites

Demand for crude sulphur held to the level noted two weeks ago. Buyers' interest in pyrites, however, continued slack. Germany has been making such progress in developing domestic sources of sulphur that it expects to need no imports by 1940, according to the United States Department of Commerce. Germany's total output of elemental sulphur in 1938 reached the high figure of 70,000 metric tons, almost two-thirds of the national annual consumption of 110,000 tons. It is expected that consumption during 1939 will again considerably expand to reach around 100,000 metric tons. The output of iron pyrites in France increased from 145,908 metric tons in 1937 to 147,208 tons in 1938. The production of sulphur, however, fell from 3,177 tons to 1,452 tons.

Markets at Other Centers

Atlanta, March 15.—The fertilizer material market is reported improved as small manufacturers and mixers are coming into the market for quick production and sale of mixed fertilizers. The week opened with good weather and the lower cotton belt is beginning to make deliveries of fertilizers to farms as planting season draws near. But weather conditions in the upper south have been unfavorable with indications of late demand for fertilizers.

Manufacturers who produced base goods are quickly formulating their fertilizers and are in position to produce and ship quickly in large quantities while those that did not and have waited late to buy some of their materials will be hard pressed to meet demands promptly.

Prices of materials available to southern manufacturers show little change in recent days. No difficulty is expected in giving prompt handling of all materials required.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$8 per ton, interior producing points.

NITRATE OF SODA.—$27 per ton, bulk, ports.

SULPHATE OF AMMONIA.—$28 per ton, port basis.

COTTONSEED MEAL.—8 percent grade, $23.50 to $24 per ton, mills.

BLOOD.—Foreign, $2.75 per unit, port basis.

TANKAGE.—$3.10 and 10c., port basis.

NITROGENOUS.—Domestic, $2 to $2.20, producing points; foreign, $2.45, port basis.

Baltimore, March 15.—Quiet prevails in the market, with the prices about as follows:—

FISH SCRAP.—The chief development in the market for this ammoniate was the sale of some 500 or more tons of herring scrap on a when-and-if-made basis. This would take up the greater part of the production during the season, and serves to fix the price at $3.50 and 10c. per unit-ton at factory.

TANKAGE.—There was an absence of interest, with $3.30 and 10c. still asked for feeding material, basis Baltimore, and with fertilizer grades at $3 and 10c. per unit-ton, c.i.f., Baltimore.

DRIED BLOOD.—This ammoniate is held down to a restricted movement, with the quotations around $3.10 per unit-ton f.o.b. Baltimore for domestic material, and with foreign supplies offered at $2.75 per unit-ton, basis Baltimore.

SUPERPHOSPHATE.—The buying is held down to very moderate proportions, with the prices named unchanged at $7.50 per ton for run of pile and $8 per ton for 16 percent milled and screened stocks. All talk of a rise because of the higher cost of materials appears to have subsided for the time being.

NITROGENOUS MATERIAL.—The demand lags with the rest of the list and users are feeling their way cautiously, with the prices unchanged.

GARBAGE TANKAGE.—Prices are approximately $8.50 per ton at shipping points, which would make the market here around $11 per ton.

BONE.—The week did not bring out any trading of impressive proportions, with the range of values about as it has been for some time past. Makers of feeds continued to be the more important buyers. Prices are at $22 per ton for 1 and 60 meal, $23.50 per ton for 3 and 50 ground steamed, and $26 per ton for 4½ and 50 ground raw stocks.

Chicago, March 15.—Buying of various grades of fertilizer materials seems to be continuing on a fairly active scale. Some additional offerings of material in the protein classification have been reported recently. Buyers in all types of materials continue to exercise considerable caution. Feeling appears to be a little uncertain. Blood has been in moderate demand, with some offerings a little below previous prices. Tankage is reported moderately good. Bone materials are a little irregular, with prices little changed on the whole.

BLOOD.—Principal grade, $3.25 to $3.35 per unit of ammonia.

TANKAGE.—High grade, feeding, $3.75 and 10c.; hoof meal, $2.75; liquid stick, $2.50 to $2.60.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $20 to $21; 3 and 50 percent, $25; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $23 to $24; beef cracklings, soft pressed, $35 to $40; pork cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 80c. to 82½c.

San Francisco, March 14.—Heavy rains in California have relieved the fertilizer spreading situation to quite an extent and the movement of materials on contract is still good, with further applications taking place after a dry spell. Meantime, however, the market situation is not all that can be desired. New orders are slow and there is a surplus piling up in the organic line. Fish meals have not moved to any extent and stocks on hand are considerably greater than they were at this time last year. Rather substantial blocks of tankage are said to be waiting for buyers, and these buyers are now showing much interest. Occasional new business of a small nature is reported in chemicals, but the large buyers have not re-ordered to any extent as yet.

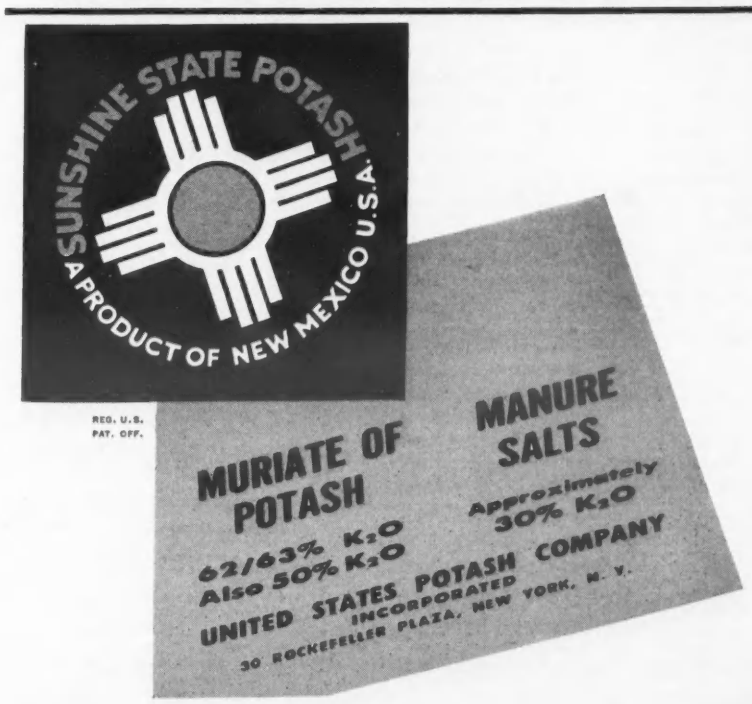
Ruling prices are:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles

—*Continued on page 60*

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.



Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, COALTAR—8 dms, Merck & Co, Bassano, Hull
CRESYLIC—96 dms, Monsanto Chem Co, American Importer, Manchester
47 dms, Merck & Co, Bassano, Hull
30 dms, Bassano, Newcastle
1 cs, Republic Chem Co, Ragnhild, London
10 dms, 2 tons, 6 cwts, 2 qtrs, 16 lbs, Philipp Bros, Lancastria, Liverpool
114 dms, 49 tons, 19 cwts, 1 qtr, 18 lbs, Monsanto Chem Co, Lancastria, Liverpool
GALLIC—9 dms, 1,581 lbs, St Louis, Hamburg
PEANUT OIL—100 dms, G A Street & Co, Ragnhild, Rotterdam
SHEANUT OIL—136 dms, Henri Jasper, Antwerp
SOYBEAN OIL—250 dms, Wessel, Duval & Co, St Louis, Hamburg
STEARIC—125 bgs, M J Corbett & Co, Zaandam, Rotterdam
25 bgs, Jungmann & Co, Zaandam, Rotterdam
67 bgs, Orbis Product Corp, Lancastria, Liverpool
TARTARIC—160 cks, 29,081 lbs, Leghorn Trading Co, Exeter, Genoa
ADEPS LANAE—120 bbls, 13 tons, 1 cwt, 2 qtrs, 19 lbs, C Tennant Sons & Co, Lancastria, Liverpool
ALBUMEN, EGG, HEN—35 cs, American Cyanamid & Chem Co, Peter Maersk, Shanghai
56 cs, Paul A Dunkel & Co, Peter Maersk, Shanghai
ALUMINUM FOIL—34 cs, F W Woolworth, Queen Mary, Southampton
2 cs, J Lackow Co, Tosan, Kobe
3 cs, International Forwarding Co, St Louis, Hamburg
58 cs, F P Gaskell & Co, St Louis, Hamburg
37 cs, Globe Shipping Co, St Louis, Hamburg
86 cs, Rohner, Gehrig Co, Ile de France, Havre
AMMONIA SULPHOCYANIDE—50 kgs, 4 tons, 1 qtr, 15 lbs, American Cyanamid & Chem Co, Lancastria, Liverpool
ANISE—32 bgs, Orizaba, Vera Cruz
ANTIMONY ORE—3,538 bgs, Bank of London South America, Santa Barbara, Antofagasta
REGULUS—94 cks, Metal Traders, Black Condor, Antwerp
ARECA NUTS—200 bgs, S B Penick & Co, President Harrison, Colombo
ARROWROOT—8 cs, J Weber, Ile de France, Havre
ARSENIC—387 bbls, American Smelting & Refining Co, Panuco, Tampico
WHITE POWD—100 dms, Industrial Sales Corp, Henri Jaspar, Antwerp
ARTISTS' MATERIAL—3 cs, Winsor & Newton, American Merchant, London
ASPHALT—670 bgs, A V Berner & Co, Orizaba, Havana
276 bgs, Hood Rubber Co, Seatrain New York, Havana
BALSAM—36 cs, C E Griffin & Co, Santa Barbara, Cristobal
BARYTES—2 cars, United Color & Pigment Co, Seatrain New York, Havana
BELLADONNA ROOT—38 bgs, McKesson & Robbins, Maria, Fiume
BISMUTH—150 bxs, Cerro De Pasco Copper Co, Santa Barbara, Callao
BONE MEAL—800 bgs, Nordfarer, Concepcion
552 bgs, Swift & Co, Ragnhild, Antwerp
552 bgs, J T Stanley Co, Ragnhild, Antwerp
983 bgs, Chase National Bank, Zaandam, Rotterdam
1,310 bgs, Ashcraft-Wilkinson Co, Black Condor, Antwerp
BRISTLES—4 cs, M Broverman & Son, Queen Mary, Southampton
4 cs, American Merchant, London
3 cs, John Block & Co, American Merchant, London
5 cs, N Wagman Co, Tosan, Kobe
25 cs, Kane Import Corp, Tosan, Tientsin
55 cs, B C Ritchie & Co, Tosan, Tientsin
71 cs, N Wagman Co, Tosan, Tientsin
12 cs, H Rosenhirsch Co, Peter Maersk, Shanghai
55 cs, F H Cone & Co, Peter Maersk, Shanghai
14 cs, Guaranty Trust Co, Peter Maersk, Shanghai
10 cs, F W Von Stade, Peter Maersk, Shanghai
14 cs, Peter Maersk, Shanghai
12 cs, Iwai & Co, Peter Maersk, Kobe
1 cs, J Block & Co, American Farmer, London
CADMIUM—18 cs, 2,189 lbs, Metal Traders, Black Tern, Antwerp
3 cs, National City Bank, Henri Jaspar, Antwerp
2 cs, Metal Traders, Black Condor, Antwerp
CALCIUM, METALLIC—22 cs, C Hardy, Exeter, Marseilles
CANARY SEED—250 bgs, Koljikian Import Co, Mormacsun, Copenhagen
CARAWAY SEED—324 bgs, 35,640 lbs, Amtorg Trading Corp, Rodina, Murmansk
100 bgs, 11,000 lbs, M Witsenburg, Zaandam, Rotterdam
100 bgs, 11,000 lbs, Jewett & Sherman, Zaandam, Rotterdam
150 bgs, 16,500 lbs, Levy & Levis Co, Zaandam, Rotterdam
100 bgs, 11,000 lbs, Zaandam, Rotterdam
CARBON, DECOLORIZING—1,000 bgs, Zaandam, Rotterdam
CARDAMOM—25 cs, P H Petry & Co, Tela, Barrios
26 cs, Volkart Bros, Silversandal, Colombo
CAROB BEANS—95 cs, 13,800 lbs, Irving Trust Co, Excello, Limassol
CASSIA—100 bls, B H Old & Co, Peter Maersk, Hongkong
BARK—88 bgs, 1 cs, French American Banking Corp, President Harrison, Hongkong
ROLLS—220 bls, S L Jones & Co, Peter Maersk, Hongkong
50 bls, O Gerdau Co, Peter Maersk, Hongkong
CASTOR BEANS—5,920 bgs, Mormacrio, Pernambuco
8,500 bgs, L Dreyfus & Co, Scania, Pernambuco
3,370 bgs, Scania, Pernambuco
CHALK, COMMON—1,600 bgs, R L Watkins Co, American Farmer, London
PRECIPITATED—1,200 bgs, Colgate-Palmolive-Peet Co, Bassano, Hull
125 bgs, 9 tons, 9 cwt, 2 qtrs, 26 lbs, H J Baker & Bros, Lancastria, Liverpool
CHEMICALS—3 bbls, F Behrend, Scanyork, Copenhagen
150 bgs, E M Sergeant Pulp & Chem Co, Black Tern, Antwerp
1 cs, Industrial Sales Corp, Black Tern, Antwerp
1,016 dms 254,144 lbs, National Carloading Corp, Black Tern, Rotterdam
25 boxes, Stanley Doggett, Black Eagle, Rotterdam
11 cs, 71 dms, Senefelder Co, President Harding, Hamburg
2 dms, A M Schmid & Co, President Harding, Hamburg
62 dms, 1 bbl, Ragnhild, Antwerp
45 bgs, Henri Jaspar, Antwerp
250 bgs, American Cyanamid & Chem Co, Mormacsun, Gdynia
150 bgs, Philip Bauer Co, Mormacsun, Gdynia
2 cs, F Berowsk, Batory, Gdynia
37 cks, Innis, Speiden & Co, Zaandam, Rotterdam
23 cs, 3 dms, 3 cks, Zaandam, Rotterdam
1 ck, Sandoz Chem Works, Zaandam, Rotterdam
2 cs, Guaranty Trust Co, Black Condor, Antwerp
1 cs, 1,016 bgs, 1 ck, Advance Solvents & Chem Co, St Louis, Hamburg
10 pkgs, Sherka Chem Co, St Louis, Hamburg
5 carboys, 5 bbls, 126 dms, 475 cks, 10 cs, St Louis, Hamburg
8 cs, Schimmel & Co, St Louis, Hamburg
10 cks, Hummel Chem Co, St Louis, Hamburg
3 cs, Hensel Bruckmann & Lorbacher, St Louis, Hamburg
35 dms, Advance Solvents & Chem Co, Tunaholm, Gothenburg
15 dms, Universal Carloading & Distr Co, Tunaholm, Gothenburg
18 cks, Sandoz Chem Works, Ile de France, Havre
2 carboys, G Doherty, Ile de France, Havre
19 cs, G J Wallau, Ile de France, Havre
606 cyls, American Cyanamid & Chem Co, Ile de France, Havre
CHILLIES—135 bgs, W Russell Howe, Marwarri, Port Sudan
224 bgs, S L Jones & Co, Peter Maersk, Kobe
CHROME METAL — 50 dms, Drivers Harris Co, American Importer, Manchester
OXIDE—10 bbls, 3,350 lbs, Hensel, Bruckmann & Lorbacher, St Louis, Hamburg
CINCHONA BARK—100 bls, New York Quinine & Chem Works, Zaandam, Rotterdam
CLAY—150 bgs, 1 cs, W Manley, President Harding, Hamburg
140 bgs, Kniper & Bolle, St Louis, Hamburg
BURNT—1,400 bgs, G C Foster, Lancastria, Liverpool
CLOVES—50 bls, Silversandal, Tamatave
210 bls, Silversandal, Sainte Marie
200 bls, Silversandal, Mananara
COALTAR, INTERMEDIATES — 32 cks, 37 dms, General Aniline Works, Zaandam, Rotterdam
31 cks, 19 jugs, 30 bots, 56 dms, General Dyestuff Corp, Zaandam, Rotterdam
22 cks, General Dyestuff Corp, St Louis, Hamburg
PRODUCT—2 cs, J E Bernard & Co, St Louis, Hamburg
COBALT, METAL — 40 cks, 25 cs, Central Trading Corp, Henri Jasper, Antwerp
60 kgs, 30 cs, Central Trading Corp, Mormacsun, Hango
OXIDE — 44 kgs, Central Trading Corp, Mormacsun, Hango
COCOA BEANS—325 bgs, Kennedy Butcher & Co, Nerissa, Trinidad
400 bgs, Nerissa, Grenada
23 bgs, Mecke & Co, Medea, Maracaibo
45 bgs, Lopez & Mangual, Medea, Maracaibo
5,075 bgs, Curacao Trading Co, Borinquen, Trujillo
1,800 bgs, Curacao Trading Co, Ponce, Macoris
3,700 bgs, Curacao Trading Co, Ponce, Sanchez
2,400 bgs, Curacao Trading Co, Ponce, Puerto Plata
250 bgs, Carr Bros, Ponce, Porto Plata
250 bgs, Porcella, Vicini & Co, Ponce, Porto Plata
1,000 bgs, National City Bank, Scania, Ilheos
1,200 bgs, Scania, Ilheos
1,250 bgs, Wessel, Kulenkampf & Co, Santo Barbara, Guayaquil
300 bgs, South Amer Produce Co, Santa Elena, La Guaira
25 bgs, Santa Elena, La Guaira
208 bgs, Transmarine Merc Corp, Santa Elena, Cape Haitien
1,364 bgs, Wessel, Kulenkampf & Co, Leif, Trujillo
1,000 bgs, Curacao Trading Co, Leif, Trujillo
800 bgs, Geck Trading Co, Leif, San Pedro
8,000 bgs, Machado & Co, Leif, Sanchez
1,000 bgs, Curacao Trading Co, Leif, Sanchez
300 bgs, Gillespie & Co, Leif, Puerto Plata
1,000 bgs, Machado & Co, Leif, Puerto Plata
250 bgs, Carr Bros, Leif, Puerto Plata
750 bgs, Superintendence Co, St Louis, Hamburg
3,200 bgs, Afram Trading Corp, St Louis, Hamburg
WASTE—2,353 bgs, Zaandam, Rotterdam
COCONUTS—350 bgs, Standard Fruit Co, Amapala, Ceiba
50 hf bgs, 127 bgs, A Trucca, Borinquen, San Juan
2 bgs, General Food Corp, Borinquen, San Juan
5 hf bgs, 6 bgs, Simon French Co, Borinquen, San Juan
194 bgs, P R Fruit Exchange, Borinquen, San Juan
246 bgs, Universal Import & Export Co, Porto Rico, Mayaguez
26 bgs, Manniello Bros, Porto Rico, San Juan
500 bgs, I L Toledano Corp, Cristobal, Cristobal
1,955 bgs, General Food Corp, Talamanca, Kingston
300 bgs, J A Manton, Talamanca, Kingston
700 bgs, Talamanca, Kingston
COCONUT, DESIC—808 cs, Durkee Famous Food, Peter Maersk, Manila
2,546 pkgs, 400 cs, General Food Corp, Peter Maersk, Manila
1,388 cs, Durkee Famous Food, Peter Maersk, Manila
CODLIVER, STEARIN—50 bbls, President Harding, Hamburg
COLORS—3 cs, E H Friedrich, Henri Jasper, Antwerp
35 dms, Hensel, Bruckmann & Lorbacher, St Louis, Hamburg
10 dms, 1 cs, President Harrison, Marseilles
ARTISTS—3 cs, Winsor & Newton, American Merchant, London
CERAMIC—1 cs, L Rensche & Co, American Importer, Manchester
COALTAR—3 cks, General Dyestuff Corp, Black Eagle, Rotterdam
4 cks, General Dyestuff Corp, Zaandam, Rotterdam
EARTH—57 cks, Reichard Coulston, President Harding, Hamburg
PIGMENT—41 jugs, General Dyestuff Corp, Zaandam, Rotterdam
CRESOL—5 kgs, Monsanto Chem Co, Lancastria, Liverpool
CUMIN SEED—600 bgs, Superintendence Co, Batory, Gdynia
20 bgs, 1 ton, Bank of Montreal, Excello, Larnaca
CUTTLEFISH BONES—100 pkgs, Exeter, Marseilles
CYPRESS ROOT—2 bgs, Peek & Velsor, President Harrison, Bombay
DANDELION ROOT—62 bls, Amtorg Trading Corp, Rodina, Murmansk
DERRIS ROOT—8 bls, Dodwell & Co, Peter Maersk, Manila
1 bg, New York World Fair, Zaandam, Rotterdam
146 bls, Marine Midland Trust Co, President Harrison, Singapore
DEXTRIN, POTATO—100 bgs, Stein, Hall & Co, Zaandam, Rotterdam
DRUGS, CRUDE—10 cs, Lo Curto & Funk, Scanyork, Gdynia
2 cs, Wood Niebuhr & Co, President Harding, Hamburg
DYES—2 cks, Penson & Co, Zaandam, Rotterdam
ALIZARIN—10 jugs, 11 dms, 68 cks, General Dyestuff Corp, Zaandam, Rotterdam
7 cks, General Dyestuff Corp, St Louis, Hamburg
ANILIN—54 dms, 299 cks, 2 cs, General Dyestuff Corp, Zaandam, Rotterdam
14 dms, Sandoz Chem Works, Zaandam, Rotterdam
6 dms, Ciba Co, Lancastria, Liverpool
3 cks, Geigy Co, Lancastria, Liverpool
10 dms, L & R Organic Prod Co, Lancastria, Liverpool
1 dm, E I Du Pont de Nemours & Co, Lancastria, Liverpool
82 cks, General Dyestuff Corp, St Louis, Hamburg
7 cks, Geigy Co, Ile de France, Havre
25 cyls, Sandoz Chem Works, Ile de France, Havre
42 cns, 3 cs, Sandoz Chem Works, Ile de France, Havre
33 kgs, 4 cns, 5 dms, 1 cs, Carbic Color & Chem Co, Ile de France, Havre
30 cks, 1 cs, Fulton Dye & Import Co, Ile de France, Havre
FENNEL SEED—100 bgs, President Harrison, Bombay
FILTER COMPOUND—125 bls, President Harding, Hamburg
PAPER—1 cs, Aug Giese & Son, St Louis, Hamburg
16 cs, St Louis, Hamburg
21 cs, H Reeve Angel & Co, American Merchant, London
FISH MEAL—1,000 bgs, Mitsui & Co, Tosan, Kobe
FLAVORING COMP—30 dms, 5 bbls, Nerissa, St Thomas
FLAXSEED—3,048,100 kilos, 121,924 bus, Archer-Daniels-Midland Co, Nordfarer, Concepcion
FLEASEED—464 bgs, President Harrison, Bombay
10 bgs, Ideal Trading Co, Exeter, Marseilles
FULLER'S EARTH—150 bgs, L A Salomon & Bro, American Merchant, London
GAMBIER—260 cs, American Dyewood Co, Silversandal, Asahan
GELATIN—20 bls, New York Trust Co, Ragnhild, Antwerp
POWDERED—100 bgs, 24 bbls, R D McLellan, Zaandam, Rotterdam
GINGER ROOT—11 bgs, Talamanca, Kingston
168 bgs, Gillespie & Co, Talamanca, Kingston
56 bgs, B H Old & Co, Talamanca, Kingston
10 bgs, Barclay Bank, Talamanca, Kingston
GLASS, PLATE—4 cs, Semon, Bache & Co, Black Tern, Antwerp
1 cs, Henri Jasper, Antwerp
1 cs, L Solomon & Sons, Black Condor, Antwerp
SHEET—1,120 cs, Henri Jasper, Antwerp
WINDOW—1,092 cs, Semon, Bache & Co, Black Tern, Antwerp
750 cs, Chase National Bank, Black Tern, Antwerp
105 cs, Vitrea Co, President Harding, Hamburg
25 cs, S G Cole, Henri Jasper, Antwerp
4,338 cs, Henri Jasper, Antwerp
20 cs, S G Coles, Black Condor, Antwerp
100 cs, Chase National Bank, Black Condor, Antwerp
10 cs, Semon, Bache & Co, Black Condor, Antwerp
20 cs, Leo Lopper & Sons, Lancastria, Liverpool
2 cs, Kramer & Hauser, S tLouis, Hamburg
32 cs, W J Byrnes & Co, St Louis, Hamburg
GLUE—1 ck, Ile de France, Havre
3 cks, Rohner, Gehrig & Co, Ile de France, Havre
DRY—10 bgs, Ragnhild, Rotterdam
POWDERED—30 bgs, 2 dms, Rex & Reynolds, President Harrison, Marseilles
200 bgs, Ile de France, Havre
GLUESTOCK—564 bgs, J J Murphy & Co, American Importer, Manchester
GLYCERIN—42 dms, Nordfarer, Concepcion
1 car, Colgate-Palmolive-Peet Co, Seatrain New York, Havana
GRAPHITE—626 bgs, Asbury Graphite Mills, Silversandal, Tomatave
760 bgs, Silversandal, Tamatave
GREASE, WOOL—60 dms, American Importer, Manchester
30 bbls, H S Dorf & Co, American Importer, Manchester
34 dms, Port Montreal, Melbourne
15 dms, Gurge & Co, Lancastria, Liverpool
18 dms, 50 bbls, Lancastria, Liverpool
64 dms, N J Malmstrom & Co, Lancastria, Liverpool
GUM—4 pkgs, 4 cs, Magnus, Mabee & Reynard, American Merchant, London
4 cs, H Hollander, President Harrison, Marseilles
ARABIC—50 bgs, R E Miller, Marwarri, Port Sudan
150 bgs, Paul A Dunkel & Co, Marwarri, Port Sudan
GUM, ARABIC—50 bgs, Frank Vliet Co, Marwarri, Port Sudan
150 bgs, Guaranty Trust Co, Marwarri, Port Sudan
50 bgs, Thurston & Braidich, Marwarri, Port Sudan
BENZOIN—12 cs, Philadelphia National Bank, President Harrison, Hongkong
CHICLE—600 bls, Chicle Development Co, Tela, Barrios
3,248 bls, Mexican Exploitation Co, Orizaba, Vera Cruz
1,118 bls, Mexican Exploitation Co, Panuco, Progreso
COPAL—20 bgs, Gillespie-Rogers-Pyatt Co, Black Tern, Antwerp
91 bgs, G W S Patterson & Co, American Merchant, London
38 bgs, W H Scheel, Peter Maersk, Manila
DAMMAR—320 bgs, S Winterbourne & Co, President Harrison, Singapore
420 bgs, President Harrison, Singapore
50 cs, Stroock & Wittenberg, Silversandal, Singapore
210 bgs, O G Innes Corp, Silversandal, Singapore
210 bgs, American Cyanamid & Chem Co, Silversandal, Singapore
INDUSTRIAL—20 bgs, President Harrison, Marseilles
KARAYA—66 bgs, J W Masters & Co, President Harrison, Bombay
70 bgs, Frank Vliet Co, President Harrison, Bombay
266 bgs, National Carloading Co, President Harrison, Bombay
334 bgs, Jacques Wolf & Co, President Harrison, Bombay
362 bgs, Innis, Speiden & Co, President Harrison, Bombay
67 bgs, President Harrison, Bombay
218 bgs, Bank of Manhattan, President Harrison, Bombay
MASTIC—11 cs, National Bank of Greece, Exeter, Piraeus
OLIBANUM—70 bgs, President Harrison, Bombay
TRAGACANTH—7 cs, American Merchant, London
489 bgs, E Meer & Co, President Harrison, Bushire
28 bgs, A D Isbetcherian, Tunaholm, Gothenburg
45 cs, E Meer & Co, Exeter, Beyrouth
GUANO, GRD—2,102 bgs, Nordfarer, Concepcion
3,255 bgs, Nordfarer, Buenos Aires
GYPSUM—204 bgs, L A Salomon & Bros, American Importer, Manchester
550 bgs, Whittaker, Clark & Daniels, Bassano, Hull
400 bgs, Hammill & Gillespie, Bassano, Hull
500 bgs, Whittaker, Clark & Daniels, Lancastria, Liverpool
HARDENING POWDER—40 dms, R F Downing & Co, American Merchant, London
HERBS, MEDICINAL—31 bls, Peek & Velsor, Ragnhild, Antwerp
5 bls, S B Penick & Co, Ragnhild, Antwerp
6 bls, S B Penick & Co, Batory, Gdynia
HOOFS—130 bgs, Geck Trading Corp, Seatrain New York, Havana
HOPS—100 bls, S Steiner, Black Tern, Antwerp
5 bls, Heemsoth-Kerner Corp, President Harding, Hamburg
11 bls, Atlantic Forwarding Co, President Harding, Hamburg
95 bls, President Harding, Hamburg
15 bls, Bode & Voigt, Batory, Gdynia
1 bl, Batory, Gdynia
51 bls, S S Steiner, Black Condor, Antwerp
2 bls, Globe Shipping Co, St Louis, Hamburg
HORNS—468 bgs, Geck Trading Corp, Seatrain New York, Havana
INDIGO — 36 cks, General Dyestuff Corp, Zaandam, Rotterdam
INDOL—1 ck, 860 lbs, Merck & Co, Black Tern, Rotterdam
IRISH MOSS—150 bls, S B Penick & Co, Ile de France, Havre
IRON ORE—320 bgs, 85 dms, Reichard-Coulston, Lancastria, Liverpool
OXIDE — 39 cks, 5 kegs, J A McNulty, American Importer, Manchester
100 bbls, C J Osborn & Co, American Importer, Manchester
200 bbls, Robinson-Wagner Co, American Importer, Manchester
300 bbls, Reichard-Coulston, American Importer, Manchester
132 bbls, American Importer, Manchester
25 cks, J Lee Smith & Co, Bassano, Hull
60 cks, Reichard-Coulston, Zaandam, Rotterdam
15 cks, J A McNulty, Lancastria, Liverpool
224 bgs, Whittaker, Clark & Daniels, Lancastria, Liverpool
ISINGLASS—2 cs, C H Reisig, American Merchant, London
10 cs, American Merchant, London
10 cs, C H Reisig, American Farmer, London
20 cs, American Farmer, London
10 cs, National Carloading Corp, American Farmer, London
JUNIPER BERRIES—100 bgs, Exeter, Leghorn
KEROSENE—153 dms, Grace National Bank, Panuco, Coatzacoalcos
LEAD, RED—1 cs, C A Redden, American Farmer, London
LEAVES, MEDICINAL — 45 bls, President Harrison, Marseilles
18 bls, Disleri Co, Exeter, Marseilles
18 bls, Exeter, Marseilles
LECITHIN—10 bbls, P S Royal, Black Tern, Rotterdam
LICORICE, ROOT—94 bls, Excello, Alexandria
LIME JUICE—8 hhds, Nerissa, Dominica
LUPULIN—3 cs, President Harding, Hamburg
5 cs, Globe Shipping Co, President Harding, Hamburg
LYCOPODIUM—9 cs, Ragnhild, London
MACE—15 cs, Nerissa, Grenada
48 cs, Zaandam, Rotterdam
MAGNESIA, CALC—30 cs, Schofield-Donald Co, American Importer, Manchester
20 cks, 23 cs, 1 ton, 3 cwt, 3 qtrs, 7 lbs, Schofield-Donald Co, Lancastria, Liverpool
CARBONATE—400 bgs, 60 cks, 75 cs, Schofield-Donald Co, American Importer, Manchester
75 cs, 100 cks, 1 bg, 7 tons, 11 cwt, 3 qtrs, 11 lbs, Schofield-Donald Co, Lancastria, Liverpool
HYDRATE — 25 cs, 1 ton, 5 cwt, 25 lbs, Schofield-Donald Co, Lancastria, Liverpool
MANGANESE, HYDRATED—2 cks, Lancastria, Liverpool
MATCHES, SAFETY—10 cs, Chase National Bank, Peter Maersk, Hongkong
20 cs, New York Match Co, Tunaholm, Gothenburg

MEDICINAL PREPS—3 cs, Burroughs, Wellcome & Co, American Merchant, London
10 cs, Alpinol Corp, President Harrison, Genoa
16 cs, E Fougera & Co, Ile de France, Havre
MENTHOL—35 cs, Theo Seltzer, Ile de France, Havre
MICA—2 dms, Cement Trading Co, American Merchant, London
3 cs, Marwarri, Port Said
BLOCK—40 cs, Marwarri, Calcutta
MILK, POWD—188 cs, R E Schanzer, Zaandam, Rotterdam
MILLET SEED—100 bgs, Maria, Trieste
MINERALS—1 pkg, Associated Metal & Mineral Corp, Black Tern, Antwerp
MOLASSES—100,053 gls, National Sugar Refg Co, Seatrain New York, Havana
MOWRAH MEAL—500 bgs, Hollingshurst & Co, American Merchant, London
MUSTARD SEED—50 bgs, Knickerbocker Mills Co, Black Tern, Rotterdam
50 bgs, B H Old & Co, Mormacsun, Copenhagen
MYROBALANS—708 bgs, President Harrison, Bombay
EXTRACT—730 bgs, International Product Co, Bassano, Hull
NAPHTHALENE—336 bgs, C B Richard & Co, American Merchant, London
5,198 bgs, Amtorg Trading Corp, Rodina, Murmansk
1,000 bgs, Ragnhild, London
2,500 bgs, Black Condor, Rotterdam
500 bgs, P R Kohler, Black Condor, Antwerp
NICOTINE SULPHATE—12 cs, Amtorg Trading Corp, Rodina, Murmansk
NUTMEGS—50 bgs, Barclay Bank, Nerissa, Grenada
295 bgs, Nerissa, Grenada
OCHER—90 bgs, 11 dms, Reichard Coulston, Lancastria, Liverpool
800 bgs, E E Marks & Co, Exeter, Marseilles
25 cks, Wishnick-Tumpeer, Inc, Exeter, Marseilles
70 cks, C K Williams & Co, Exeter, Marseilles
OIL, ALMOND—40 cs, Fritzsche Bros, Exeter, Marseilles
5 dms, 158 cs, Exeter, Marseilles
BERGAMOT—44 cs, Lo Curto & Funk, Maria, Messina
CAMPHOR—25 dms, Orbis Product Corp, Tosan, Keelung
10 dms, Givaudan-Delawanna, Tosan, Keelung
5 dms, Albert Verlay, Tosan, Keelung
25 dms, Orbis Product Corp, Peter Maersk, Kobe
CASHEW—10 dms, General Food Corp, President Harrison, Vengurla
CHINAWOOD—240 tons, S L Jones & Co, Peter Maersk, Hongkong
CINNAMON LEAF—8 dms, Volkart Bros, Silversandal, Colombo
COCONUT—1,061 tons, Guaranty Trust Co, Peter Maersk, Manila
3,954 tons, Spencer, Kellogg & Sons, Gertrude Kellogg, Manila
10 cs, I L Toledano Corp, Talamanca, Kingston
228 tons, Philippine Refg Co, Silversandal, Cebu
CODLIVER—25 dms, 2 cs, Black Diamond S S Co, Black Eagle, Rotterdam
500 dms, National Oil Prod Co, Bassano, Hull
130 dms, Ryde & Co, Bassano, Hull
150 dms, American Hawaiian S S Co, Bassano, Hull
325 dms, McKesson & Robbins, Bassano, Hull
264 dms, C T Smith, President Harding, Hamburg
184 dms, J D Irwin & Co, President Harding, Hamburg
224 dms, President Harding, Hamburg
CORN—132 dms, Balfour, Guthrie & Co, Bassano, Hull
150 dms, Corn Product Refg Co, Caledonia, Glasgow
CRUDE—65 dms, W Kellogg Co, Ragnhild, London
DILLSEED—10 cans, Magnus, Mabee & Reynard, President Harding, Hamburg
ESSENTIAL—1 cs, Queen Mary, Southampton
3 cs, Yardley & Co, American Merchant, London
1 cs, President Harding, Havre
54 pkgs, President Harrison, Marseilles
114 pkgs, Ile de France, Havre
10 pkgs, Exeter, Marseilles
EUCALYPTUS—20 dms, MacCoy Co, Port Montreal, Melbourne
14 dms, Dodge & Olcott Co, Port Montreal, Sydney
FUEL—96,000 bbls, Standard Oil Co of N J, F W Weller, Aruba
FUSEL—14 dms, C P Chemical Solvents, Porto Rico, Ponce
GERANIUM—9 cs, Heine & Co, St Louis, Hamburg
12 dms, 4 kgs, Silversandal, Pomte de Galets
LAVENDER—2 cs, Exeter, Marseilles
LEMON—21 cs, Orbis Trading Corp, Maria, Messina
LIME—5 cs, Merritt & Gritchley, Nerissa, Antigua
1 dm, American Lime Oil Corp, Cristobal, Cristobal
LINSEED—2 cs, B F Drakenfeld & Co, Lancastria, Liverpool
LUBRICATING—35 bbls, Shell Union Oil Corp, American Merchant, London
35 dms, Henri Jasper, Antwerp
125 dms, R F Cruickshank Corp, Batory, Copenhagen
35 bbls, Shell Union Corp, American Farmer, London
MINERAL—1 cs, Henri Jasper, Antwerp
OLIVE — 8 dms, Accado Semi, Excello, Genoa
200 cs, Excello, Genoa
62 cs, Maria, Palermo
400 cs, 50 dms, Maria, Algiers
1,761 cs, President Harrison, Genoa
40 cks, S Carciotta, President Harrison, Genoa
60 bbls, Santo Gianneto, President Harrison, Genoa
50 dms, R W Delapenha, President Harrison, Marseilles
50 dms, Bank of Athens, Exeter, Piraeus
25 dms, Welch, Holme & Clark, Exeter, Piraeus
273 dms, Leghorn Trading Co, Exeter, Piraeus
100 dms, Venice Import Co, Exeter, Piraeus
75 dms, Smith Weihman Co, Exeter, Piraeus
100 bgs, British-French Discount Bank, Exeter, Piraeus
240 cs, Exeter, Leghorn
138 dms, Atlantic & Pacific Tea Co, Exeter, Genoa
50 demj, Miramonti Bros, Exeter, Genoa
25 dms, J L Sciafani, Exeter, Genoa
35 dms, J Uddo & Co, Exeter, Genoa
1,685 cs, Exeter, Genoa
40 dms, Asaro Bros, Exeter, Genoa
25 cs, Exeter, Marseilles
ORANGE—10 cs, Ungerer & Co, Talamanca, Kingston
PALM—100 dms, Balfour, Guthrie & Co, Black Tern, Rotterdam
PALMAROSA—4 pots, Murphy & Beese, President Harrison, Bombay
OIL, PEANUT—25 dms, Welch, Holme & Clark, Black Eagle, Rotterdam
50 dms, Black Eagle, Rotterdam
PEPPERMINT—100 cs, 6,600 lbs, Amtorg Trading Corp, Rodina, Murmansk
PINENEEDLE—28 dms, Amtorg Trading Corp, Rodina, Murmansk
RESIDUE—2 dms, M B Miller Co, Ragnhild, London
ROSE—2 cs, T Cook & Son, Ile de France, Havre
4 cs, Geo Lueders & Co, Ile de France, Havre
SASSAFRAS—23 dms, Norda Essential Oil & Chem Co, Peter Maersk, Kobe
23 dms, P R Dreyer, Peter Maersk, Kobe
SHALE—1 cs, Associated Metal & Mineral Corp, Black Tern, Antwerp
SPERM—100 dms, J D Irwin & Co, Ragnhild, Rotterdam
SYNTHETIC—34 cs, Lo Curto & Funk, Ragnhild, Rotterdam
THYME—2 dms, Ragnhild, London
VEGETABLE—327 tons, W R Grace & Co, Tosan, Kobe
WHALE—9,464 tons, Western Operating Corp, California, Antarctic
YLANG YLANG—8 bbls, Marwarri, Port Said
1 dm, Exeter, Marseilles
PAINT—4 dms, C A Redden, American Farmer, London
PAPAIN—22 cs, Marwarri, Colombo
21 cs, Chase National Bank, American Farmer, London
9 cs, S B Penick & Co, American Farmer, London
25 hlf cs, S B Penick & Co, President Harrison, Colombo
PAPRIKA—25 bgs, President Harding, Hamburg
40 bgs, American Farmer, London
500 bgs, St Louis, Hamburg
PARIS GREEN—16 cks, C J Osborn & Co, Bassano, Hull
PEATDUST—210 bls, New Amsterdam Import & Supply Co, Caledonia, Glasgow
PEATMOSS—800 bls, 100 hlf bls, Premier Peatmoss Corp, Scanyork, Copenhagen
100 bls, G H Stattel, Black Eagle, Rotterdam
1,150 bls, Premier Peatmoss Corp, Mormacsun, Copenhagen
951 bls, Half Moon Mfg & Trading Co, Zaandam, Rotterdam
2,316 bls, C K Ketzel, Zaandam, Rotterdam
200 bls, Premier Peatmoss Corp, Zaandam, Rotterdam
PEPPER, BLACK—240 bgs, Gillespie Bros, President Harrison, Mangalore
PETROLEUM, CRUDE—106,370 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
85,063 bbls, Gulf Oil Corp, Gulfpenn, Las Piedras
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
83,286 bbls, Cities Service Oil Co, Cities Service Empire, Las Piedras
67,009 bbls, Asiatic Petroleum Corp, Garnet Hulings, Las Piedras
PICHI LEAVES—36 bls, Duncan Fox & Co, Frida, Talcahuana
PITCH—1 cs, Anglo-American Purchasing Co, Nerissa, Trinidad
STEARIN—55 dms, American Importer, Manchester
256 dms, A V Berner & Co, Bassano, Hull
60 dms, Leitch Mfg Co, Bassano, Hull
POPPYSEED—100 bgs, 11,000 lbs, Wagner Bros Seed Corp, Batory, Gdynia
100 bgs, 11,000 lbs, M Witsenburg, Zaandam, Rotterdam
100 bgs, 11,000 lbs, Reiss & Bernhard, Zaandam, Rotterdam
POTASH, CARBONATE—15 cks, 12,212 lbs, Th Goldschmidt Corp, Ragnhild, Rotterdam
10 cks, 4,818 lbs, T C Wygandt, St Louis, Hamburg
CHLORATE—25 dms, 5,929 lbs, Bergstrom Trading Co, Black Tern, Rotterdam
50 dms, 12,067 lbs, Innis, Speiden & Co, Black Tern, Rotterdam
150 dms, C Hardy, Black Condor, Antwerp
1,500 dms, Uniform Chem Prod Co, St Louis, Hamburg
50 bbls, Jersey Match Co, Tunaholm, Gothenburg
OXALATE—7 cks, 1,711 lbs, Eugene Dietzgen Co, St Louis, Hamburg
PYRETHRUM FLOWERS—125 bls, McKesson & Robbins, Peter Maersk, Kobe
125 bls, E Meer & Co, Peter Maersk, Kobe
QUICKSILVER—48 flasks, Chase National Bank, Panuco, Tampico (option London)
QUINCE SEED—12 bgs, Iran Industries Corp, President Harrison, Bombay
10 bgs, Exeter, Beyrouth
RADIUM—3 cs, Radium Chem Co, Henri Jasper, Antwerp
RAPESEED—200 bgs, A G Dunn, Zaandam, Rotterdam
50 bgs, Levy & Levis Co, Zaandam, Rotterdam
50 bgs, Black Condor, Antwerp
RESIN, SYNTH—1 cs, A J Wittenberg, American Merchant, London
RHUBARB—20 cs, R J Prentiss & Co, Ragnhild, London
23 cs, Melchers, Inc, Peter Maersk, Shanghai
RICE, FLOUR—300 bgs, Stein, Hall & Co, Black Eagle, Rotterdam
200 bgs, Half Moon Mfg Co, Zaandam, Rotterdam
250 bgs, St Louis, Hamburg
ROOT, MEDICINAL—17 bls, St Louis, Hamburg
SANTONIN—4 cs, 345 lbs, Amtorg Trading Corp, Rodina, Murmansk
SEED, MEDICINAL—74 bgs, Exeter, Marseilles
SESAME SEED—112 bgs, S E Adams, Tosan, Tientsin
300 bgs, National City Bank, Peter Maersk, Shanghai
96 bgs, Philadelphia National Bank, Peter Maersk, Shanghai
60 bgs, Excello, Alexandria
262 bgs President Harrison, Bombay
SHEEP TIP, POWD—700 cs, Wm Cooper & Nephews, American Merchant, London
SHELLAC—300 bgs, 25 cs, E E Androvette, Marwarri, Calcutta
200 bgs, Ralli Bros, Marwarri, Calcutta
1,150 bgs, A Hurst & Co, Marwarri, Calcutta
25 cs, Irving Trust Co, Marwarri, Calcutta
67 bgs, 69 cs, Wm Zinsser & Co, Marwarri, Calcutta
200 bgs, Guaranty Trust Co, Marwarri, Calcutta
80 bgs, 15 cs, A Hurst & Co, St Louis, Hamburg
BUTTON LAC—25 bgs, Guaranty Trust Co, Marwarri, Calcutta
GARNET LAC—25 bgs, Ralli Bros, Marwarri, Calcutta
SEEDLAC—200 bgs, E E Androvette, Marwarri, Calcutta
300 bgs, Wm Zinsser & Co, Marwarri, Calcutta
600 bgs, Ralli Bros, Marwarri, Calcutta
400 bgs, Bank of London South America, Marwarri, Calcutta
300 bgs, Guaranty Trust Co, Marwarri, Calcutta
300 bgs, Marwarri, Calcutta
SILICA—240 bgs, 10 tons, L A Salomon & Bros, Lancastria, Liverpool
SILVER, PRECIP—18 bgs, Bank of London-South America, Santa Barbara, Antofagasta
SOAP—134 cs, Concentrate Mfg Co, President Harding, Havre
5 cs, W J Byrnes, Ile de France, Havre
1,490 cs, Conti Product Corp, Exeter, Leghorn
250 cs, J P Smith & Co, Exeter, Marseilles
50 cs, Exeter, Marseilles
BASE—113 cs, Yardley & Co, American Merchant, London
POWDERED—25 bbls, J P Smith & Co, Exeter, Marseilles
SADDLE—80 cs, Salomon & Philipps, American Farmer, London
2 cs, Meadows Wye Co, American Farmer, London
STEARIC ACID—7 cs, Yardley & Co, American Merchant, London
TOILET — 15 cs, Bourjois, Inc, American Farmer, London
SOAP BARK—335 bls, Duncan Fox & Co, Frida, San Antonio
SODA, CYANIDE—28 cs, American Cyanamid & Chem Co, Zaandam, Rotterdam
660 cyls, Charles Hardy, Ile de France, Havre
HYDROSULPHITE—80 dms, 21,824 lbs, General Dyestuff Corp, Ragnhild, Antwerp
NITRATE—15,675 bgs, Chilien Nitrate Sales Corp, Frida, Tocopilla
6,037 bgs, Chilien Nitrate Sales Corp, Frida, Iquique
URANATE—50 dms, Central Trading Corp, Henri Jasper, Antwerp
SOLVENTS—300 dms, C P Chemical Solvents, Porto Rico, Ponce
SOOT—25 cks, Smith Chem Co, Zaandam, Rotterdam
150 bgs, American Farmer, London
SPONGES, METALLIC—57 bls, Continental Merch Corp, President Harding, Basle
STARCH—15 cs, Atlantic Sales Corp, American Merchant, London
ARROWROOT—200 bbls, 1,700 bgs, Morningstar-Nicol, Nerissa, St Vincent
RICE, POWD—100 bbls, Manufacturers Trust Co, Black Tern, Antwerp
120 bbls, Stein, Hall & Co, Henri Jasper, Antwerp
STEATITE—8 bbls, M Kirchberger, Exeter, Leghorn
SUMAC—700 bgs, Maria, Palermo
TALLOW, VEGETABLE—500 pkgs, Arnhold & Co, Peter Maersk, Shanghai
TAMARINDS—20 bbls, Nerissa, Antigua
TANKAGE—400 bgs, Tupman-Thurlow Co, Port Montreal, Melbourne
508 bgs, National City Bank, Mormacrio, Montevideo
2,000 bgs, Mormacrio, Montevideo
1,264 bgs, Swift & Co, Mormacrio, Buenos Aires
3,987 bgs, Mormacrio, Buenos Aires
TAPIOCA FLOUR—1,000 bgs, 1 cs, Corn Product Refg Co, Leif, Puerto Plata
1,007 bgs, Stein, Hall & Co, Silversandal, Cheribon
TOLU BALSAM—25 cs, Wessel, Duval & Co, Santa Elena, Puerto Colombia
75 cs, S Grazi & Co, Santa Elena, Puerto Colombia
TRICHLOROETHYLENE—5 dms, Mitsui & Co, Tosan, Yokohama
TRIETHYLAMINE—1 dm, 400 lbs, Manahan Chem Co, Black Tern, Rotterdam
TUBA ROOT—48 bls, President Harrison, Singapore
48 bls, Silversandal, Singapore
TURPETH ROOT—10 bgs, Peek & Velsor, President Harrison, Bombay
UMBER—572 bgs, 62 tons, J Lee Smith & Co, Excello, Larnaca
3,442 bgs, 350 tons, C K Williams & Co, Excello, Larnaca
2,657 bgs, 282 tons, Reichard Coulston, Excello, Larnaca
37 bxs, 1 ton, Reichard Coulston, Excello, Larnaca
50 cks, 7 tons, 1 cwt, 2 qtrs, Bank of Manhattan, Excello, Larnaca
20 cks, Chase Natl Bank, Exeter, Alexandria
URANIUM OXIDE, BLACK—100 dms, Central Trading Corp, Henri Jasper, Antwerp
UREA—3 bgs, Synthetic Nitrogen Product Corp, Zaandam, Rotterdam
VANADIUM — 4,538 bgs, Vanadium Corp, Santa Barbara, Callao
VANILLA BEANS—20 cs, Rene Moelhausen, Nerissa, Guadeloupe
21 cs, Marine Midland Trust Co, President Harrison, Marseilles
36 cs, Dammann & Smeltzer, President Harrison, Marseilles
19 cs, President Harrison, Marseilles
13 cs, Exeter, Marseilles
10 cs, W T Rawleigh, Exeter, Marseilles
WATER, MINERAL—55 cs, R H Macy & Co, Queen Mary, Southampton
25 cs, American Merchant, London
WAX, BEES—67 bgs, Van Oppen & Co, Orizaba, Havana
22 bgs, Orizaba, Havana
14 bgs, Schutte & Focke, Ponce, Azua
15 bgs, Mecke & Co, Ponce, Azua
23 bgs, Oriente, Havana
5 seroons, Porcella, Vicini & Co, Leif, Trujillo
11 seroons, Porcella, Vicini & Co, Leif, Puerto Plata
3 seroons, H H Pike & Co, Leif, Puerto Plata
CANDELILLA—1,253 bgs, M Argueso & Co, Panuco, Tampico
MINERAL—187 bgs, General Dyestuff Corp, Zaandam, Rotterdam
25 bgs, American Farmer, London
8 cks, General Dyestuff Corp, St Louis, Hamburg
MONTAN—375 bgs, Strohmeyer & Arpe Co, St Louis, Hamburg
VEGETABLE—25 cs, Jungmann & Co, Tosan, Keelung
208 cs, H H Rosenthal Co, Tosan, Mozi
WITHERITE, CRUDE—1,000 bgs, E I duPont de Nemours Co, Bassano, Newcastle
WOODFLOUR—860 bgs, St Louis, Hamburg
YEAST—25 bbls, Dal, Inc, Mormacsun, Gdynia
60 bbls, Vulkan Yeast Co, St Louis, Hamburg
BREWER'S—600 bgs, A L Causse, St Louis, Hamburg
POWD—1 ck, Draeger Shipping Co, American Merchant, London
ZEDOARY ROOT—20 bgs, Peek & Velsor, President Harrison, Bombay
ZINC, CHLORIDE—68 dms, 11,600 lbs, American Cyanamid & Chem Co, Black Tern, Antwerp
ORE—67 cs, United Engineering & Constructors, Inc, Tosan, Kobe
OXIDE—5 bgs, Yardley & Co, American Merchant, London
150 bgs, Philipp Bros, Henri Jaspar, Antwerp
30 bbls, Reichard Coulston, Exeter, Marseilles
SULPHIDE—1 cs, Claudius Ash & Sons, American Merchant, London

New York Transit Imports

CAROB BEANS—1,600 bgs, 223,300 lbs, M F Heal & Co, Excello, Limassol, Richmond, Va
CASSIA, RILLS—200 bls, Frank Tea & Spice Co, Peter Maersk, Hongkong, Cincinnati
DERRIS ROOT—28 kgs, 1 ton, 3 cwt, 1 qtr, W Cooper & Nephews, Lancastria, Liverpool, Chicago
GLYCEROPHOSPHATE—1 cs, Eastman Kodak Co, American Farmer, London, Rochester
MOLASSES — 371,440 gls, Standard Brands, Castana, Manzanilla, Albany
1,043,280 gls, Commercial Molasses Corp, Castana, Cienfuegos, Albany
OIL, CASHEW SHELL—338 dms, Harvel Research Corp, President Harrison, Mangalore, Irvington
CHINAWOOD — 580 tons, W G Smith Co, Peter Maersk, Hongkong, Cleveland
CODLIVER—95 dms, Penn R R, Bassano, Hull, Fondulac, Wis
PAPAIN—9 cs, Ragnhild, London, Buffalo
PAPRIKA—100 bgs, C A Bruch, President Harding, Hamburg, Chicago
100 bgs, G W Sheldon & Co, President Harding, Hamburg, Chicago
25 bgs, E E Marks & Co, President Harding, Hamburg, Chicago
TEAWASTE—3,001 bgs, Marwarri, Calcutta, Maywood

Baltimore Imports

BLOOD, DRIED—2,018 bgs, West Imboden, Buenos Aires
500 bgs, West Imboden, Montevideo
BONEMEAL—1,103 bgs, Blommersdijk, Rotterdam
CHEMICALS—600 bgs, Cold Harbor, Glasgow
CLAY, RAW—154 csks, Cleveland Trust Co, Blommersdijk, Rotterdam
COD MEAL—10,000 bgs, Vinni, Yokohama
14,000 bgs, Kunikawa, Yokohama
FISH MEAL—4,954 bgs, Anita, Buenos Aires
FLUORSPAR—400 bgs, Independence Hall, Bordeaux
HEMPSEED—333 bgs, Vinni, Dairen
ILMENITE SAND—2,500 tons, City of Auckland, Colachel
1,000 tons, City of Eastbourne, Colachel
IRON ORE—21,200 tons, Bethlehem Steel Co, Bethore, Cruz Grande
2,000 tons, E J Lavino Co, Vinni, Masuiloc, P I
6,900 tons, Phila Nat Bank, Maplewood, Rio Janeiro
21,700 tons, Bethlehem Steel Co, Svealand, Cruz Grande
6,205 tons, Leo J Buck, Inc, Kiruna, Narvik
OXIDE—43 bgs, Cold Harbor, Liverpool
OIL, OLIVE—200 dms, Exmouth, Piraeus
PEATMOSS—300 bls, Blommersdijk, Rotterdam
600 bls, Blommersdijk, Rotterdam
709 bls, Wm G Scarlett Co, Blommersdijk, Rotterdam
PETROLEUM, CRUDE—107,490 bbls, Standard Oil Co of N J, Montrolite, Gluria
QUEBRACHO EXTRACT—945 bgs, Tannin Corp, West Imboden, Buenos Aires
SARDINE MEAL—1,000 bgs, Asosan, Kobe
4,000 bgs, Yamagiri, Kobe
SEAWEED, DRIED—20 bgs, Cold Harbor, Liverpool
SHELLAC—25 bgs, Maihar, Calcutta
TALC—350 bgs, Independence Hall, Bordeaux
1,072 bgs, Kunikawa, Kobe
TANKAGE—996 bgs, West Imboden, Buenos Aires
4,190 bgs, Anita, Buenos Aires
WAX, BEES—180 bgs, Parnahyba, Rio Janeiro
WOOL, GREASE—12 bbls, Cold Harbor, Liverpool

Boston Imports

ACID, CRESYLIC—12 dms, Philipp Bros, American Importer, Liverpool
25 dms, 5 tons, 16 cwt, 1 qtr, 10 lbs, Lancastria, Liverpool
STEARIC—30 bgs, American Importer, Liverpool
BONEMEAL—552 bgs, 56,114 lbs, Wilmington Packing Co, Black Eagle, Antwerp
552 bgs, 56,114 lbs, John Reardon & Sons, Black Eagle, Antwerp
1,016 bgs, 223,987 lbs, Charles Hollinshead Co, Black Eagle, Antwerp
CHEMICALS—106 dms, 143 bgs, Bilderdijk, Rotterdam
300 bgs, 50 dms, 100 dmjhns, 67,580 lbs, Black Eagle, Rotterdam
77 dms, 35,342 lbs, Advance Solvents & Chemical Co, Black Eagle, Rotterdam
20 csks, 2,601 lbs, Philipp Bros, Black Eagle, Rotterdam
35 bbls, 13,702 lbs, Philipp Bros, Black Eagle, Antwerp
200 bgs, 44,092 lbs, Black Eagle, Antwerp
50 bgs, 11,155 lbs, Industrial Sales Corp, Black Eagle, Antwerp
CLOVES—50 sacks, Silversandal, Singapore
COALTAR DISTILLATE—25 dms, Monsanto Chemical Co, Lancastria, Liverpool
COCOA BEANS—2,373 bgs, Maynard & Child, American Importer, Liverpool
7,605 bgs, 1,361,010 lbs, W & A Leaman, Black Eagle, Rotterdam
COCONUTS—500 bgs, Lady Drake, St Vincent
COLOR, DRY—3 cs, American Express Co, American Importer, Liverpool
10 bbls, 3,461 lbs, Geo H Morrill Co, Black Eagle, Antwerp
POTTERS'—1 csk, E D Zeigler, American Importer, Liverpool
DEXTRIN, POTATO—100 bgs, Stein, Hall & Co, Bilderdijk, Rotterdam
EMERY FILLET—1 cs, Atkinson-Haserick Co, American Importer, Liverpool
1 cs, Joseph Sykes Bros, Lancastria, Liverpool
2 cs, Atkinson-Haserick Co, Lancastria, Liverpool
FAT, VEGETABLE—5 cs, American Express Co, American Importer, Liverpool
FISH LIVERS—1 bx, J A Rich Co, Yarmouth, Yarmouth
MEAL—1,970 bgs, 98½ tons, Bradley & Baker, Connoisseur, Canso, N S
GLASS, WINDOW—15 cs, 6,687 lbs, Black Eagle, Antwerp
49 cs, 31,946 lbs, Karas & Karas, Black Eagle, Antwerp
471 cs, 49,511 lbs, Black Eagle, Antwerp
50 cs, 22,452 lbs, Chase National Bank, Black Eagle, Antwerp
GLUE—2 bbls, Nicholson & Co Yarmouth, Yarmouth
MARINE PITCH—9 dms, L W Ferdinand Co, American Merchant, London
GLUESTOCK, FISH—1 bbl, 2 bxs, J H Poole Co, Yarmouth, Yarmouth
1 bbl, R S Hamilton Co, Yarmouth, Yarmouth

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GLUESTOCK, FISH—2 bxs, J A Jameson Co, Yarmouth, Yarmouth
10 bxs, Marine Fruit Co, Yarmouth, Yarmouth
1 bbl, Reba Fisheries, Yarmouth, Yarmouth
HIDE — 132 bgs, American Express Co, American Importer, Liverpool
222 bgs, Atlantic Gelatine Co, American Importer, Liverpool
GLYCERIN, SAPONIFICATION — 11 dms, 12,482 lbs, Mormacrio, Buenos Aires
GREASE, WOOL—50 dms, 10 tons, 13 cwt, 2 qtrs, 24 lbs, Lancastria, Liverpool
GUM, ARABIC—50 bgs, 11,243 lbs, Robert E Miller, Marwarri, Port Sudan
18 bgs, 4,045 lbs, Marwarri, Port Sudan
COPAL, SIFTINGS—50 bgs, 5,621 lbs, American Cyanamid & Chemical Co, Black Eagle, Antwerp
INDUSTRIAL—50 cks, 25 bgs, J P Marston Co, American Importer, Liverpool
IRON, OXIDE—160 bgs, 15 dms, Reichard-Coulston, American Importer, Liverpool
SILICATE—1 ck, E D Zeigler, American Importer, Liverpool
LEAVES, DRY—15 bgs, 2,344 lbs, Exeter, Marseilles
LIME JUICE—2 hghds, Lady Drake, Dominica
MEDICINAL PREPS — 13 cs, Quong Wah Lung, Tai Shan, Hongkong
MICA SPLITTINGS—50 cs, Marwarri, Calcutta
MUSTARD SEED—150 bgs, 33,069 lbs, Stickney & Poor Spice Co, Black Eagle, Rotterdam
NUTMEGS—50 bgs, Lady Drake, Grenada
OCHER—890 scks, 44,540 lbs, J Lee Smith Co, Exeter, Marseilles
250 bgs, 12,622 lbs, Reichard Coulston, Exeter, Marseilles
OIL, COCONUT—1,000 tons, Philippine Refining Corp, Silversandal, Manila
800 tons, Philippine Refining Corp, Silversandal, Cebu
684 tons, Philippine Refining Corp, Steel Scientist, Manila
COD—10 dms, American Importer, Glasgow
PALM—82 csks, Balfour, Guthrie & Co, American Merchant, London
PEANUT—120 dms, Bilderdijk, Rotterdam
SOD—75 cs, 50 csks, 61,856 lbs, First National Bank, Black Eagle, Antwerp
SPERM—50 dms, C H Powell Co, American Importer, Glasgow
125 bbls, American Importer, Glasgow
TEASEED—225 dms, Leghorn Trading Co, Tai Shan, Hongkong
OSSEIN—1,000 bgs, 111,993 lbs, Black Eagle, Antwerp
2,000 bgs, 223,987 lbs, J O Whitten & Co, Black Eagle, Antwerp
520 bgs, 60,404 lbs, Black Eagle, Antwerp
PEATMOSS—1,000 bls, Premier Peatmoss Corp, Bilderdijk, Rotterdam
400 bls, Halfmoon Mfg & Trading Co, Bilderdijk, Rotterdam
PERFUMERY—1 cs, American Express Co, American Merchant, London
PLUMBAGO—256 bgs, Irving Trust Co, Silversandal, Colombo
POLISHING POWDER—6 cs, 1,389 lbs, National Importing Co, Black Eagle, Antwerp
QUEBRACHO EXTRACT—1,637 bgs, 172,377 lbs, Tannin Corp, Mormacrio, Buenos Aires
1,300 bgs, 142,986 lbs, International Products Corp, Mormacrio, Buenos Aires
5,705 bgs, 620,497 lbs, American Tanners, Invella, Buenos Aires
SAWDUST—606 bgs, State Chemical Co, Bilderdijk, Rotterdam
SHELLAC—40 bgs, Bank of the Manhattan, American Merchant, London
17 bgs, Wm Linsser & Co, American Merchant, London
200 bgs, Marwarri, Calcutta
250 bgs, Grace National Bank, Marwarri, Calcutta
25 cs, J Henry Schroeder Banking Corp, Bilderdijk, Rotterdam
SOAP—50 cs, 2,535 lbs, Exeter, Marseilles
SHAVING—1 cs, S S Pierce Co, American Merchant, London
TOILET—44 cs, S S Pierce Co, American Merchant, London
1 cs, American Express Co, American Merchant, London
1 cs, Lever Bros, Lancastria, Liverpool
SODA, HYDROSULPHITE—50 kgs, Philipp Bros, Lancastria, Liverpool
PRUSSIATE—140 kgs, Mitsui & Co, Tai Shan, Yokohama
STARCH, CHEMICALLY TREATED—700 bgs, Bilderdijk, Rotterdam
20 bgs, 2,205 lbs, A M Meincke & Son, Black Eagle, Rotterdam
POTATO—500 bgs, 110,230 lbs, Black Eagle, Rotterdam
25 bgs, 5,511 lbs, Sulkin Spice Co, Black Eagle, Rotterdam
TAPIOCA FLOUR—520 bgs, Stein, Hall & Co, Steel Scientist, Batavia
500 bgs, Rutger, Bleecker & Co, Steel Scientist, Batavia
2,020 bgs, Stein, Hall & Co, Steel Scientist, Cheribon
250 bgs, Rutger, Bleecker & Co, Steel Scientist, Cheribon
TARTAR—100 bgs, Bilderdijk, Rotterdam
39 bgs, 11,203 lbs, First National Bank, Exeter, Marseilles
TOILET PREPS—1 cs, Lever Bros, Lancastria, Liverpool
UREA—105 bgs, 10,803 lbs, Synthetic Nitrogen Products Corp, Black Eagle, Rotterdam
VANILLA BEANS—9 cs, Lancastria, Liverpool
WHITING—1,000 bgs, 110,230 lbs, T D Downing Co, Black Eagle, Antwerp

Houston Imports

PETROLEUM, CRUDE—35,618 bbls, R W McIlvain, Tuxpam

Lake Charles Imports

SODA, NITRATE—1,881 tons, Gypsum Queen, Iquique
3,384 tons, Gypsum Queen, Tocopilla

Los Angeles Imports

ALUM, POTASH CHROME—16 cks, 11,690 lbs, Oakland, Hamburg
AMMONIA, CARBONATE — 2,000 lbs, Oakland, Hamburg
AMMONIAC SAL—20 cks, 11,020 lbs, Oakland, Warsaw
APRICOT KERNELS — 1,270 lbs, President Coolidge, Hongkong
BABASSU KERNELS—4,403 bgs, 582,370 lbs, West Nilus, Brazil
CHEMICAL COMPOUND — 70 lbs, Oakland, Bad Reichenhall, Germany
CHILLIES — 200 bgs, 20,000 lbs, Skjelbred, Kobe
CHINA CLAY—653,970 lbs, San Antonio, St Austell
CLAY, BALL — 379,680 lbs, San Antonio, St Austell
COALTAR PROD—20 lbs, President Coolidge, Yokohama
COCONUT, DESIC—1 cs, 130 lbs, from Philippine Islands
COPRA MEAL—2,000 bgs, 200,000 lbs, President Coolidge, Manila
CORN SYRUP—150 lbs, Skjelbred, Yokohama
DRUGS, ADVANCED—2 lbs, President Coolidge, Yokohama
FERTILIZER, NITRATE PHOSPHATE — 8 pkgs, 800 lbs, Oakland, Berlin
FISH LIVERS, FROZEN—500 tins, 20,000 lbs, President Coolidge, Yokohama
FLINT PEBBLES—50 bgs, 11,200 lbs, San Antonio, London
GLASS, SHEET—598 cs, 91,190 lbs, Oakland, Hamburg
HEMPSEED MEAL—600 bgs, 60,000 lbs, Skjelbred, Kobe
HOPS—30 bls, 16,550 lbs, Oakland, Hamburg
INK, PRINTING—330 lbs, Oakland, Berlin
LOOFAH—6 lbs, Skjelbred, Kobe
MEDICINAL PREPS—60 lbs, Skjelbred, Kobe
140 lbs, President Coolidge, Yokohama
940 lbs, from Belfast
OIL, CREOSOTE—2 dms, 90 lbs, Gracia, London
NUT, EDIBLE—81 dms, 33,360 lbs, President Coolidge, Tientsin
PEANUT MEAL—3,200 bgs, 320,000 lbs, Skjelbred, Tsingtao
PEATMOSS—1,600 bls, 243,740 lbs, Oakland, Bremen
POTASH, CAUSTIC—38 pkgs, 10,010 lbs, Donau, Berlin
PRUSSIATE—4,960 lbs, Oakland, Berlin
QUEBRACHO EXTRACT—400 bgs, 43,450 lbs, West Nilus, Buenos Aires
RAPESEED—50 bgs, 10,950 lbs, Oakland, Hamburg
RICE FLOUR—50 lbs, Skelbred, Yokohama
420 lbs, President Coolidge, Hongkong
50 lbs, Getsuyo, Kobe
SILVERSAND—336,000 lbs, San Antonio, Antwerp
SOAP, TOILET—110 lbs, President Coolidge, Yokohama
SODA, CYANIDE—2,000 lbs, San Antonio, Paris
SOYBEANS—2,000 lbs, Getsuyo, Kobe
STARCH—160 lbs, President Coolidge, Hongkong
POTATO—1,000 lbs, Getsuyo, Kobe
TAPIOCA FLOUR—7,110 lbs, President Coolidge, Hongkong
TOILET PREPS—20 lbs, Getsuyo, Kobe
550 lbs, President Coolidge, Yokohama
URANIUM NITRATE—550 lbs, Donau, Brussels
UREA—1,000 pkgs, 100,800 lbs, Oakland, Berlin
WHEAT FLOUR—750 lbs, Skjelbred, Kobe
240 lbs, President Coolidge, Hongkong

Mobile Imports

BAUXITE ORE, CRUSHED AND DRIED—2,650 tons, Janna, Paramaribo
2,840 tons, Torugen, Paramaribo

New Orleans Imports

BAUXITE ORE—2,275 tons, Aluminum Ore Co, Dalvangen, Paramaribo
624 tons, Aluminum Ore Co, Dalvangen, Port of Spain
2,452 tons, Aluminum Ore Co, Sorvangen, Paramaribo
117 tons, Aluminum Ore Co, Sorvangen, Port of Spain
CINNAMON QUILLS—30 bls, Tabian, Colombo
COCONUTS—40 sx, Standard Fruit & S S C, Cefalu, Ceiba
50 sx, Barclays Bank, Cadmus, Kingston
160 sx, W R Grace & Co, Cadmus, Kingston
50 sx, Cadmus, Kingston
100 sx, A Alamilla, Cadmus, Belize
GASOLINE DISTILLATE—124,359 bbls, Mereaux Terminal Corp, Charlce Racine, Tampico
GUM CHICLE—80 bls, Chicle Development Co, Cadmus, Belize
741 bls, Wm Wrigley Jr, Cadmus, Belize
COPAL—236 bskts, Tabian, Macassar
MOLASSES—4,536 tons, Cuba Distilling Co, Cassimir, Guanica
1,230 tons, Cuba Distilling Co, Cassimir, La Romana
1,487 tons, Cuba Distilling Co, Cassimir, San Pedro de Macoris
OIL, COCONUT—2,767 tons, Gertrude Kellogg, Manila
PALM—532 tons, Van Leeuwen, Boomkamp, Tabian, Belawan Deli
258 tons, Tabian, Belawan Deli
TAPIOCA FLOUR—1,094 sx, Tabian, Sourabaya
264 sx, Tabian, Cheribon

Norfolk Imports

CALCIUM NITRATE—1,368 tons, Synthetic Nitrogen Products Corp'n, Tabor, Heroen
MANGANESE ORE—8,800 tons, E J Lavino & Co, Sedgepool, Takoradi, Br W Af
SALT—1,980 hlf long tons, Southern Salt Co, Aaro, Grand Turk, T I

Philadelphia Imports

ACID, NAPHTHENIC—100 dms, Exmouth, Constanza
ASBESTOS FIBRE—400 bgs, Continental Diamond Fibre Co, Blankaholm, Kotka
BLOOD, DRIED—1,000 bgs, Mormacrio, Buenos Aires
BRISTLES—4 cs, Chemnitz, Hamburg
CADMIUM—10 cs, Harmon Lichenstein, Black Tern, Antwerp
82 cs, International Selling Corp, Black Tern, Antwerp
CHEMICALS—1,061 dms, National Carloading Co, Black Tern, Rotterdam
100 demijohns, Black Tern, Rotterdam
32 cks, Chemical Marketing Co, Black Tern, Rotterdam
99 dms, 900 bgs, Industrial Sales Corp, Black Tern, Antwerp
85 bbls, Innes, Speiden & Co, Black Tern, Antwerp
CHILLIES—100 bgs, Bank of Calif National Asso, Kunikawa, Kobe
CHROME ORE—1,000 tons, Bank of Athens, Exmouth, Aghia Marina
COCOA BEANS—1,000 bgs, Blumenthal Bro, Cape Howe, Bahia
2,000 bgs, W R Grace & Co, Cape Howe, Bahia
RESIDUE—300 bgs, Woodward & Dickerson, Black Tern, Rotterdam
COCONUT, DESIC—225 cs, T S DeKalb, Tai Shan, Manila
340 cs, Wilbur Ellis & Co, Tosan, Davao
COLORS, EARTH—80 bgs, R T French Co, Black Tern, Antwerp
CORIANDER SEED—200 bgs, Jos Weinstein, Exmouth, Casablanca
CORK, VIRGIN—1,304 bls, Armstrong Cork Co, Ada O, Faro
1,120 bls, Armstrong Cork Co, Ada O, Lisbon
WASTE—5,258 bls, Armstrong Cork Co, Ada O, Faro
7,913 bls, Armstrong Cork Co, Ada O, Lisbon
1,094 bls, Armstrong Cork Co, Ada O, Faro
6,182 bls, Armstrong Cork Co, Ada O, Lisbon
WOOD—18 bls, Armstrong Cork Co, Ada O, Faro
292 bls, Armstrong Cork Co, Ada O, Lisbon
CUTTLEFISH BONES—35 bxs, Independence Hall, Bordeaux
FERROMANGANESE—101,600 kilos, Scanyork, Gdynia
FERTILIZER—5,000 bgs, Ore & Chemical Co, Chemnitz, Hamburg
FLAXSEED—1,121 tons, Mormacrio, Buenos Aires
FULLER'S EARTH—100 bgs, L A Salomon & Bros, Liberty, London
FUSTIC WOOD—1,492 pcs, W & A Leaman, Nosiro, Mollendo via Cristobal
GLASS, SHEET—5 bxs, Arthur H Thomas Co, Liberty, London
WINDOW—42 cs, Black Tern, Antwerp
GUM, SANDARAC—7 bbls, National City Bank, Exmouth, Casablanca
ILMENITE ORE — 8,400 tons, Lindenhall, Kollithottam
MACE—13 cs, Kota Tjandi, Macassar
MAGNESITE, CALC—275 bgs, Exmouth, Thessaloniki
MENTHOL—25 cs, Corn Exchange National Bank & Trust Co, Tai Shan, Shanghai
MOLASSES—1,413,979 gls, North American Trading & Import Co, Ruth Kellogg, Havana
1,231,422 gls, North American Trading & Import Co, Jenny, Pastelillo
MUSTARD SEED—280 bgs, First Nat Bank of Balto, Tai Shan, Tientsin via Kobe
NUTMEGS—80 cs, 67 bgs, Kota Tjandi, Macassar
116 bgs, Liberty, London
OIL, COCONUT—300 tons, Tai Shan, Manila
CODLIVER—340 dms, Liberty, Hamburg
CORE—1 dm, 1 bot, E F Houghton & Co, Liberty, London
CORN—40,640 kilos, Black Tern, Rotterdam
183,384 kilos, Black Tern, Antwerp
OLIVE—10 dms, Commercial Bank of Greece, Exmouth, Piraeus
300 dms, Brown Brothers, Harriman & Co, Giulia, Seville
OLIVE SULPHUR—80 dms, Exmouth, Lisbon
TEASEED—55 dms, Leghorn Trading Co, Tai Shan, Hongkong
OSSEIN—548 bgs, Black Tern, Antwerp
PAPRIKA—174 bgs, Chemnitz, Bremen
PEATMOSS—900 bls, Peat Import Co, Liberty, Bremen
1,500 bls, 50 hf bls, Chemnitz, Bremen
600 bls, Premier Peat Moss Corp, Scanyork, ex Mormacsun, Copenhagen
1,000 bls, Premier Peat Moss Corp, Scanyork, Copenhagen
500 bls, New Amsterdam Import & Supply Co, Scanyork, Copenhagen
PETROLEUM, CRUDE—108,106 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
POTASH, CARBONATE — 20 bbls, Liberty, Hamburg
PUMICE—135 bgs, Giulia, Canneto Lipari
PYRITES ORE—8,436 tons, Weirbank, Huelva
QUEBRACHO EXTRACT—1,407 bgs, Tannin Corp, Mormacrio, Buenos Aires
LOGS—6,726 tons, Cate B, Santa Fe
RAPESEED—250 bgs, First National Bank, Exmouth, Constanza
312 bgs, Corn Exchange National Bank & Trust Co, Nosiro, Otaru via Kobe
SALTPETER—174 bgs, Liberty, Bremen
SARDINE MEAL—2,000 bgs, Wilbur Ellis & Co, Nosiro, Kobe
SODA, SILICOFLUORIDE — 1,050 bgs, Harshaw Chemical Co, Scanyork, ex Mormacsun, Copenhagen
220 bgs, Sterling Supply Co, Chemnitz, Hamburg
SULPHATE—338 bgs, Liberty, Bremen
STARCH, POTATO—250 bgs, Stein, Hall & Co, Black Tern, Rotterdam
TALC—300 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
TALLOIL—99 bbls, Hein Hoyer, Soderhamn
TANKAGE—2,032 bgs, Mormacrio, Santos
1,000 bgs, Mormacrio, Buenos Aires
TAPIOCA FLOUR—560 bgs, Guaranty Trust Co, Kota Tjandi, Sourabaya
TUCUM KERNELS—1,126 bgs, Bankers Trust Co, Cape Howe, Parnaiba
WATER, MINERAL—30 cs, Cooper Supply Co, Liberty, London
15 cs, Davies Turner Co, Chemnitz, Hamburg
WAX, CARNAUBA—57 bgs, Philadelphia National Bank, Cape Howe, Ceara
VEGETABLE—984 bgs, Guaranty Trust Co, Kunikawa, Shanghai
950 bls, Guaranty Trust Co, Kunikawa, Shanghai
ZINC CHLORIDE—20 dms, Phillipps Bros, Black Tern, Antwerp

Portland, Ore., Imports

COPRA—800 tons, El Dorado Oil Works, Roseville, Jolo
750 tons El Dorado Oil Works, Roseville, Zamboanga
320 tons, El Dorado Oil Works, Roseville, Borongan
130 tons, El Dorado Oil Works, Roseville, Dumaguete
OCHER—18 bbls, Rialto, Marseilles
PARAFFIN, WHITE—800 sks, Shell Oil Co, Manoeran, Balikpapan
SESAME SEED—20 sks, Seattle First National Bank, Roseville, Hongkong

San Francisco Imports

ACID, CRESYLIC—35 dms, Balfour, Guthrie & Co, Parthenia, Liverpool
BLUE, LAUNDRY—15 cs, Ernst D Van Loben, Knute Nelson, Antwerp
BONE PHOSPHATE—1,098 sks, Knute Nelson, Antwerp
BRISTLES—5 cs, B C Ritchie, President Coolidge, Shanghai
6 cs, S Hirshenhorn & Sons, President Coolidge, Shanghai
13 cs, Bank of China, President Coolidge, Shanghai
4 cs, President Coolidge, Shanghai
50 cs, S Hirshenhorn & Sons, President Coolidge, Tientsin
55 cs, F H Cone & Co, President Coolidge, Tientsin
CALCIUM CHLORIDE—60 dms, Knute Nelson, Antwerp
CARAWAY SEED—50 sks, McClintock-Stern Co, Damsterdijk, Rotterdam
CASSIA—50 bls, D Hecht & Co, President Coolidge, Hongkong
CHALK, PRECIP—67 sks, H J Baker & Bros, Parthenia, Liverpool
CHEMICALS—40 csks, Advance Solvents & Chemical Corp, Knute Nelson, Brevik
CINNAMON QUILLS—50 bls, Willits & Co, President Coolidge, Hongkong
200 bls, D Hecht & Co, President Coolidge, Hongkong
COCOA BEANS—1,200 sks, Parthenia, Liverpool
150 sks, Henry W Peabody & Co, Knute Nelson, Corinto
COCONUT, DESIC—325 cs, M S Cowen Co, President Coolidge, Manila
3,310 cs, General Foods Sales Corp, President Coolidge, Manila
3,081 cs, Durkee Famous Foods, President Coolidge, Manila
3,000 cs, Wood & Selick, President Coolidge, Manila
COLORS, ARTISTS' OIL—1 cs, Damsterdijk London
GINGER ROOT—142 pkgs, President Coolidge, Hongkong
GLASS, WINDOW—1,402 cs, Knute Nelson, Antwerp
470 cs, Knute Nelson, Antwerp (for Oakland)
WIRED—11 cs, Knute Nelson, Antwerp
GLUE, GELATIN, POWD—11 bbls, Chas M Lee Co, Damsterdijk, Rotterdam
GUM COPAL—74 sks, France, Campbell & Darling, President Coolidge, Manila
INK—4 cs, Wing Hing Chong, President Coolidge, Hongkong
5 cs, Kwong Yick, President Coolidge, Hongkong
MEDICINAL PREPS—1 cs, Chew Chong Tai, President Coolidge, Hongkong
3 cs, Kwong Wo Co, President Coolidge, Hongkong
2 cs, Wing Hing Chong, President Coolidge, Hongkong
5 cs, Kwong Yick, President Coolidge, Hongkong
4 cs, Hosoda Bros, President Coolidge, Kobe
30 cs, Wah Shang Co, President Coolidge, Tientsin
OIL, CHINAWOOD—170 tons, S L Jones & Co, President Coolidge, Hongkong
CODLIVER—15 dms, Knute Nelson, Oslo
100 dms, Knute Nelson, Oslo (for Oakland)
OLIVE—1 csk, President Monroe, Genoa
25 dms, G Granucci & Sons, President Monroe, Genoa
155 dms, H Boccara et Fils, President Monroe, Marseilles
PERILLA—6 dms, Pacific Vegetable Oil Corpn, President Coolidge, Dairen
TEASEED—50 dms, East Asiatic Co, President Coolidge, Shanghai
50 dms, Wilbur-Ellis Co, President Coolidge, Shanghai
PEANUTS, SHELLED—75 sks, M S Cowen Co, President Coolidge, Manila
250 sks, M S Cowen Co, President Coolidge, Manila (for Oakland)
40 sks, Mitsui & Co, President Coolidge, Manila
PEATMOSS—100 bls, Wilson & George Meyer & Co, Damsterdijk, Rotterdam (for Oakland)
170 bls, Wilson & George Meyer & Co, Damsterdijk, Rotterdam
SESAME SEED—60 sks, S L Jones & Co, President Coolidge, Hongkong
50 sks, President Coolidge, Hongkong
SOAP, SOFT—50 tubs, Schou-Gallis Co, Knute Nelson, Oslo
SPIEGELEISEN—100 tons, Electro Metallurgical Co, Knute Nelson, Oslo
SUPERPHOSPHATE, ULTRA—200 sks, Damsterdijk, Rotterdam
TOILET PREPS—1 cs, Hosoda Bros, President Coolidge, Kobe
WATER, MINERAL—10 cs, G H Corse Jr Co, President Coolidge, Kobe
50 cs, Parthenia, Glasgow
WAX, SKI—2 cs, Damsterdijk, Rotterdam

Savannah Imports

TAPIOCA FLOUR — 1,344 bgs, Tanimbar, Sourabaya
2,320 bgs, Tanimbar, Cheribon

Seattle Imports

ACID, CITRIC—28 cs, Makiki, Honolulu
CASSIA—50 bls, The Geo L Curtin Co, Roseville, Hongkong
CLOVES—22 sks, H P Winter & Co, Manoeran, Macassar
COCONUT, DESIC—180 cs, Goebel & Pratt Co, Manoeran, Manila
MOLASSES—600 tons, Makiki,, Mahukona
OIL, CHINAWOOD—34 dms, Pacific National Bank, Roseville, Hongkong
OLIVE—1 dm, G de Felice Co, Rialto, Genoa
PEATMOSS—450 bls, Wilson & George Meyer & Co, Europa, Gothenburg
TAPIOCA FLAKE—43 sks, American Trust Co, Manoeran, Sourabaya
WATER, MINERAL — 100 cs, Rialto, Marseilles
WHITING, BOLTED—110 sks, Europa, Aarhus

Tacoma Imports

BONE MEAL—1,120 sks, Knute Nelson, Antwerp
IRON SAND—60 sks, Bailey Co, Parthenia, Glasgow
OIL, CODLIVER—50 dms, Knute Nelson, Oslo

Tampa Imports

TOILET PREPS—1 cs, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Alex Van Opstal, February 28; Amapala, February 24; American Banker, February 24; American Farmer, February 18; American Shipper, February 24; Antonia, February 24; Ashkhabad, February 28; Atlantida, March 2; Aurania, March 3; Belle Isle, March 3; Belpamela, March 2; Bergensfjord, February 21; Birmendijk, February 27; Birmania, March 1; Black Falcon, February 25; Borinquen, March 2; California, March 1; Calliope, March 2; City of Athens, February 18; City of Brisbane, February 25; Clan Matheson, February 20; Coamo, February 23; Comanchee, February 28; Consuelo, February 24; Eastern Prince, March 3; Exochorda, February 24; Express, March 2; Ferncliff, March 1; Fort Amherst, February 11; Fredhem, March 3; Gerolstein, March 6; Gloucester City, February 3; Hammaren, February 24; Hansa, February 21; Usenstein, February 11; Ingertre, February 24; Kansai, March 4; Kirisima, March 2; Kolsnaren, February 17; Korsholm, March 3; Mahimahi, February 25; Mormacmar, February 11; Mormacport, February 24; Oriente, February 21; Paraguayo, February 24; Platano, February 17; President Harding, February 15; Puerto Rico, February 25; Quaker City, March 2; Queen Mary, February 25; Quirigua, February 18; Rex, March 3; San Pedro, February 24; Santa Elena, February 23; Santa Maria, February 24; Santa Rosa, March 2; Sessa, February 25; Siboney, March 3; Silverteak, February 23; Southern Prince, February 17; Steel Trader, January 16; Tana, March 2; Toledo, February 24; Uruguay, February 24; Vito, March 4; Vulcania, February 24; West Irmo, February 24

ACETONE—4,956 lbs, Mormacport, Oslo; 2,487 lbs, Quaker City, Cork; 13,248 lbs, Korsholm, Turku
ACID, CITRIC—985 lbs, Sessa, Buenaventura
MURIATIC—7,400 lbs, Platano, Puntarenas; 15,725 lbs, Borinquen, Ciudad
ALCOHOL—3,410 gls, San Pedro, Havre
BUTYL—8,038 lbs, President Harding, Havre; 2,466 lbs, Korsholm, Turku
AMMONIA CARBONATE—762 lbs, Platano, Panama

ANIMAL DIP—7,320 lbs, Coamo, San Juan
ASPHALT—9,996 lbs, Vulcania, Lisbon; 22,753 lbs, Mormacport, Gdynia; 11,062 lbs, American Farmer, London; 44,753 lbs, American Banker, London; 13,312 lbs, American Shipper, Glasgow; 53,215 lbs, Clan Matheson, Lourenco Marques
LIQUID—44,286 lbs, Examiner, Casablanca; 11,173 lbs, President Harding, Southampton
BENZOL—23,595 gls, Ferncliff, Montevideo; 4,125 gls, Mormacmar, Buenos Aires
BLACK, BONE—2,160 lbs, American Banker, London
BLUE, LAUNDRY—1,762 lbs, Sessa, Mollendo
BROMINE, LIQ — 7,600 lbs, Mormacport, Gdynia
CALCIUM CARBIDE—22,365 lbs, Santa Rosa, La Guaira; 10,650 lbs, Puerto Rico, San Juan; 10,800 lbs, Atlantida, Santiago
CHLORIDE—75,010 lbs, Oriente, Havana
METAL—1,107 lbs, Antonia, Liverpool
HYPOCHLORITE — 4,520 lbs, Exochorda, Marseilles
CASEIN PASTE—1,150 lbs, Aurania, London
CHEMICALS—(Mormacport) 3,828 lbs, Gdynia; 1,293 lbs, Malmo; 1,445 lbs, Stockholm; 8,400 lbs, American Farmer, London; 11,688 lbs, American Banker, London; 13,419 lbs, American Shipper, Liverpool; 2,786 lbs, Quirigua, Limon; 2,257 lbs, Quaker City, Dublin
CHLORINE, LIQ—30,408 lbs, Buenaventura, Porto Colombia
CLAY—204,000 lbs, American Farmer, London; 20,400 lbs, President Harding, Havre
CLEANER—12,838 lbs, Mormacmar, Buenos Aires
COALTAR—14,410 lbs, Santa Maria, Arica
INTERMEDIATES — 3,175 lbs, American Banker, London; 4,520 lbs, Steel Trader, Bombay
COCOA CAKE—105,080 lbs, Binnendijk, Amsterdam
COLOR, DRY—748 lbs, Borinquen, San Juan
CORN, FLOUR—1,136 lbs, Quirigua, Limon
SYRUP—11,616 lbs, Quirigua, Havana; 286 lbs, Sessa, Buenaventura; 3,910 lbs, Platano, Corinto; 752 lbs, Fort Amherst, St Johns; (City of Brisbane) 1,204 lbs, Auckland; 116,250 lbs, Wellington; 45,380 lbs, Lyttelton; 336 lbs, Ingertre, St Croix; 18,750 lbs, Belle Isle, Halifax; (Mahimahi) 4,025 lbs, Honolulu; 1,150 lbs, Hilo; (Steel Trader) 43,510 lbs, Bombay; 30,020 lbs, Colombo; (Bergensfjord) 13,014 lbs, Trondhjem; 13,053 lbs, Bergen
CYANIDE, CRUDE—2,320 lbs, Examiner, Tangier
DEXTRIN—4,512 lbs, Oriente, Havana
CORN—(City of Brisbane) 1,128 lbs, Auckland; 13,136 lbs, Wellington; 14,100 lbs, Sydney
DIATOMACEOUS EARTH—11,064 lbs, Vulcania, Lisbon
DICHLORODIFLUOROMETHANE — 3,869 lbs, Birmania, Genoa; 2,147 lbs, Uruguay, Rio de Janeiro
DINITROCHLOROBENZENE — 24,024 lbs, Ferncliff, Rio de Janeiro
DRUGS—969 lbs, Birmania, Genoa
DYES—(Black Falcon) 1,357 lbs, Antwerp; 5,694 lbs, Rotterdam; 29,001 lbs, Alex Van Opstal, Antwerp; 6,672 lbs, Siboney, Vera Cruz; (Steel Trader) 40,640 lbs, Bombay; 5,226 lbs, Bombay-Calcutta; 3,662 lbs, Eastern Prince, Montevideo; 46,372 lbs, Mormacmar, Buenos Aires
ANILIN—371 lbs, Mormacport, Gothenburg; 780 lbs, Korsholm, Gothenburg
ETHYL FLUID—4,840 gls, Mormacport, Gdynia; 500 gls, Examiner, Algiers; 1,000 gls, Express, Constanza
ETHYLENEGLYCOLMONOETHYL E T H E R ACETATE—19,240 lbs, Kinai, London
FERTILIZER—4,040 lbs, Quirigua, Limon; (Mahimahi) 960,110 lbs, Hilo; 452,060 lbs, Port Allen; 320,000 lbs, Honuapo
FLOTATION REAGENT—6,783 lbs, Hansa, Huelva
FULLER'S EARTH—20,660 lbs, Korsholm, Vastervik
FURFURAL—14,366 lbs, Quaker City, Manchester
GASOLINE—21,500 gls, West Irmo, Marshall
GLASS, WINDOW—2,628 lbs, Quirigua, Havana
GLUCOSE—6,679 lbs, Hammaren, Gothenburg
SOLID—10,434 lbs, City of Brisbane, Wellington
GLUE—708 lbs, Mormacport, Oslo; 203 lbs, Quirigua, Havana
VEGETABLE—1,126 lbs, Sessa, Buenaventura; 5,050 lbs, Clan Matheson, Durban
GLYCERIN—2,013 lbs, Quirigua, Havana
GREASE, LUBRIC—8,357 lbs, Black Falcon, Antwerp; 30,885 lbs, Consuelo, Hull; (Mormacport) 1,576 lbs, Malmo; 5,228 lbs, Danzig; 2,269 lbs, Antonia, Calcutta; 69,152 lbs, Hansa, Hamburg; 50,066 lbs, American Banker, London; (Examiner) 5,688 lbs, Oran; 7,226 lbs, Algiers; (American Shipper) 2,825 lbs, Liverpool; 45,418 lbs, Manchester; (San Pedro) 44,675 lbs, Havre; 2,186 lbs, Bordeaux; 3,720 lbs, Quirigua, Havana; 19,934 lbs, Sessa, Valparaiso; (City of Brisbane) 2,168 lbs, Auckland; 10,840 lbs, Wellington; 17,612 lbs, Timaru; 26,475 lbs, Gloucester City, Cardiff; 35,118 lbs, Silversteak, Shanghai; (President Harding) 30,126 lbs, Hamburg; 23,274 lbs, Havre; (Ilsenstein) 903 lbs, Rotterdam; 2,286 lbs, Antwerp; (Quaker City) 16,470 lbs, Manchester; 11,329 lbs, Liverpool; 6,753 lbs, Glasgow; (Birmania) 18,163 lbs, Genoa; 2,656 lbs, Leghorn; 33,291 lbs, Fiume; (Korsholm) 5,136 lbs, Malmo; 2,940 lbs, Malmo; 4,275 lbs, California, Glasgow; (Exochorda) 8,166 lbs, Alexandria; 5,072 lbs, Marseilles; 3,650 lbs, Beirut; (Hammaren) 1,201 lbs, Gothenburg; 1,850 lbs, Stockholm; 15,230 lbs, Express, Istanbul; (Uruguay) 13,358 lbs, Montevideo; 12,302 lbs, Buenos Aires; (Clan Matheson) 74,812 lbs, Durban; 13,080 lbs, Lourenco Marques; 4,920 lbs, Beira; 8,162 lbs, Steel Trader, Bombay; 6,378 lbs, Aurania, London; (Kansai) 115,110 lbs, Yokohama; 133,490 lbs, Tientsin; 17,075 lbs, Gerolstein, Antwerp; (Toledo) 2,880 lbs, Rotterdam; 21,527 lbs, Antwerp; 857 lbs, Bergensfjord, Oslo; 6,042 lbs, Eastern Prince, Montevideo; (Tana) 1,500 lbs, Rio de Janeiro; 3,560 lbs, Buenos Aires; 4,529 lbs, Ferncliff, Montevideo; 800 lbs, Dakar; 1,635 lbs, Port Bouet; 2,274 lbs, Takoradi
INSECTICIDE, AGRIC—5,750 lbs, Mormacport, Rauma; 66,179 lbs, Express, Istanbul
HOUSEHOLD—1,794 lbs, Quaker City, Cork
ISOPROPYL ETHER—29,370 lbs, Mormacport, Gdynia
JALAP ROOT—2,298 lbs, Birmania, Genoa
KEROSENE—1,000 gls, Ingertre, St Barths
LACQUER—7,950 lbs, Southern Prince, Buenos Aires; 916 lbs, Alex Van Opstal, Antwerp; 855 lbs, Quirigua, Havana; 4,400 lbs, Hammaren, Gothenburg; 2,580 lbs, Uruguay, Santos; (Mormacmar) 2,355 lbs, Montevideo; 4,205 lbs, Buenos Aires
PASTE—7,053 lbs, American Farmer, London
THINNER — 1,100 lbs, Southern Prince, Buenos Aires; 2,640 gls, Clan Matheson, Durban
LARD—46,347 lbs, Black Falcon, Antwerp; 27,060 lbs, Vulcania, Trieste; (Consuelo) 405,375 lbs, Hull; 123,500 lbs, Newcastle; 44,518 lbs, Aberdeen; 104,860 lbs, Mormacport, Czechoslovakia; 157,922 lbs, Antonia, Liverpool; 378,910 lbs, American Farmer, London; (Hansa) 68,930 lbs, Czechoslovakia; 13,500 lbs, Hamburg; 565,025 lbs, American Banker, London;
LARD (Continued):—
4,081 lbs, Queen Mary, Southampton; (American Shipper) 108,563 lbs, Liverpool; 366,893 lbs, Manchester; 18,900 lbs, Quirigua, Havana; 43,014 lbs, Coamo, Ciudad; 24,762 lbs, Buenaventura, Port au Prince; (Gloucester City) 139,750 lbs, Cardiff; 78,000 lbs, Swansea; 195,000 lbs, Bristol; 21,074 lbs, President Harding, Southampton; (Santa Rosa) 10,000 lbs, Porto Colombia; 19,000 lbs, La Guaira; (Quaker City) 148,660 lbs, Manchester; 12,197 lbs, Cork; 28,000 lbs, Atlantida, Santiago; (Santa Elena) 20,000 lbs, Cartagena; 54,000 lbs, La Guaira; 6,050 lbs, Korsholm, Gothenburg; 4,900 lbs, California, Glasgow; (Kolsnaren) 18,140 lbs, Gothenburg; 12,400 lbs, Stockholm; 190,000 lbs, Aurania, London
LEAD ACETATE—4,136 lbs, Silverteak, Manila
BLUE SUBLIMED—2,373 lbs, Mormacport, Copenhagen; 2,370 lbs, Korsholm, Gothenburg
TITANATE—(Black Falcon) 23,013 lbs, Rotterdam; 11,506 lbs, Antwerp
LEAVES—6,363 lbs, Binnendijk, Rotterdam
LINSEED CAKE—(Black Falcon) 901,932 lbs, Rotterdam; 450,698 lbs, Antwerp-Rotterdam-Amsterdam; 903,980 lbs, President Harding, Havre; 225,598 lbs, Ilsenstein, Rotterdam; 225,573 lbs, Toledo, Rotterdam
LITHOPONE—7,458 lbs, Platano, Buenaventura
MAGNESIA, CHLORIDE—35,714 lbs, Aurania, London
METAL—5,203 lbs, American Banker, London
SULPHATE—10,122 lbs, West Irmo, Marshall
METHYL ETHYL KETONE—24,480 lbs, San Pedro, Havre
NAPHTHA—5,500 gls, Tana, Rio Grande
OIL, BRIGHT STOCK—1,260 tons, Comanchee, London-Manchester
CASTOR—504 lbs, American Banker, London; 478 lbs, Puerto Rico, Ponce; 506 lbs, Bergensfjord, Oslo
COALTAR—12,405 lbs, Ilsenstein, Antwerp
COCONUT—27,434 lbs, Mormacmar, Buenos Aires
COCONUT, REFD—12,579 lbs, Quirigua, Havana
CORN—(City of Brisbane) 902 lbs, Auckland; 2,246 lbs, Wellington; 750 lbs, Dunedin; (Santa Elena) 3,600 lbs, Aruba; 3,090 lbs, Curacao; (Clan Matheson) 450 lbs, Port Elizabeth; 2,400 lbs, Lourenco Marques; 1,050 lbs, Beira
CYLINDER—622 tons, Calliope, Rio de Janeiro; 635 tons, Comanchee, London and Manchester
DIESEL—3,500 gls, Santa Rosa, Porto Cabello; (West Irmo) 8,250 gls, Dakar; 550 gls, Saltpond; 16,500 gls, Lagos
EDIBLE—1,250 lbs, Quirigua, Limon; (Sessa) 7,873 lbs, Buenaventura; 957 lbs, Guayaquil
ESSENTIAL — 509 lbs, Hansa, Hamburg; 1,074 lbs, American Banker, London
GAS—(West Irmo) 33,000 gls, Freetown; 550 gls, Saltpond; 3,300 gls, Accra; 8,250 gls, Cotonou; 11,000 gls, Duala; 11,000 gls, Warri
LUBRICATING—1,075 gls, Black Falcon, Antwerp; 1,848 gls, Vulcania, Venice; (Consuelo) 3,740 gls, Hull; 3,410 gls, Newcastle; 825 gls, Aberdeen; (Mormacport) 4,840 gls, Malmo; 2,730 gls, Riga; 6,490 gls, Stockholm; (Antonia) 4,950 gls, Calcutta; 12,260 gls, Liverpool; 72,702 gls, Hansa, Hamburg; 8,830 gls, American Banker, London; (Binnendijk) 3,360 gls, Rotterdam; 5,225 gls, Amsterdam; (Examiner) 2,612 gls, Oran; 11,300 gls, Algiers; 550 gls, Bone; (American Shipper) 1,650 gls, Liverpool; 660 gls, Manchester; 2,530 gls, Belfast; (San Pedro) 9,440 gls, Havre; 3,255 gls, Bordeaux; 1,210 gls, St Nazaire; 5,550 gls, Dunkirk; (Quirigua) 3,520 gls, Havana; 1,595 gls, Limon; (Sessa) 8,800 gls, Antofagasta; 2,750 gls, Valparaiso; 1,650 gls, Coquimbo; (Santa Maria) 3,520 gls, Corinto; 6,958 gls, Callao; 1,980 gls, Coquimbo; (Fort Amherst) 11,110 gls, St Johns; 2,200 gls, Halifax; (City of Brisbane) 21,220 gls, Sydney; 57,805 gls, Auckland; 31,175 gls, Wellington; 2,090 gls, Napier; 1,100 gls, New Plymouth; 19,350 gls, Lyttelton; 8,405 gls, 1,100 gls, Timaru; (Gloucester City) 5,040 gls, Cardiff; 3,040 gls, Bristol; (President Harding) 8,862 gls, Hamburg; 37,380 gls, Havre; (Paraguayo) 825 gls, Montevideo; 16,490 gls, Buenos Aires; (Ilsenstein) 19,750 gls, Rotterdam; 2,200 gls, Amsterdam; 835 gls, Antwerp; 58,470 gls, Kirisima, Osaka; (Santa Rosa) 3,575 gls, Porto Cabello; 1,045 gls, Maracaibo; (Quaker City) 2,705 gls, Manchester; 5,225 gls, Dublin; 3,135 gls, Atlantida, Kingston; (Birmania) 284,294 gls, Vado; 8,484 gls, Genoa; 6,930 gls, Naples; 3,360 gls, Fiume; 39,550 gls, Rex, Genoa; (Korsholm) 825 gls, Gothenburg; 5,995 gls, Malmo; 7,040 gls, Stockholm; 9,660 gls, California, Glasgow; (Exochorda) 3,570 gls, Marseilles; 7,535 gls, Tunis; 19,130 gls, Alexandria; 1,515 gls, Beirut; (Hammaren) 6,600 gls, Gothenburg; 4,620 gls, Malmo; 1,375 gls, Norrkoeping; 7,700 gls, Stockholm; 1,850 gls, Sundsvaal; (Express) 1,650 gls, Piraeus; 1,100 gls, Thessalonika; 792 tons, and 21,225 gls, Istanbul; 12,775 gls, Constanza; (Kinai) 8,400 gls, London; 220 gls, Rotterdam; (Uruguayo) 500 gls, Santos; 17,050 gls, Montevideo; (Clan Matheson) 3,250 gls, Port Elizabeth; 4,025 gls, Durban; 6,585 gls, Lourenco Marques; 520 gls, Beira; 2,020 tons, Comanchee, London and Manchester; 1,375 gls, City of Athens, Manila; (Steel Trader) 2,200 gls, Bombay; 7,480 gls, Calcutta; 25,994 gls, Aurania, London; (Kansai) 11,800 gls, Yokohama; 57,640 gls, Osaka; 4,000 gls, Tientsin; 27,500 gls, Kobe; (Gerolstein) 4,452 gls, Rotterdam; 3,830 gls, Antwerp; (Toledo) 2,170 gls, Rotterdam; 2,040 gls, Antwerp; (Bergensfjord) 4,770 gls, Bergen; 75,308 gls, Oslo; 8,715 gls, Eastern Prince, Montevideo; (Tana) 10,725 gls, Santos; 2,090 gls, Rio Grande; 2,200 gls, Buenos Aires; 1,925 gls, Ferncliff, Montevideo; (West Irmo) 3,120 gls, Dakar; 950 gls, Conakry; 5,315 gls, Freetown; 550 gls, Monrovia; 4,250 gls, Port Bouet; 5,390 gls, Takoradi; 550 gls, Saltpond; 1,100 gls, Accra; 1,100 gls, Cotonou; 14,710 gls, Lagos; 2,075 gls, Port Harcourt; 1,100 gls, Warri
OLEO—(Black Falcon) 47,504 lbs, Antwerp; 23,628 lbs, Rotterdam; 71,158 lbs, Binnendijk, Rotterdam; 35,295 lbs, President Harding, Hamburg; (Korsholm) 23,823 lbs, Gothenburg; 12,050 lbs, Malmo; 23,855 lbs, Stockholm; 88,054 lbs, California, Glasgow; (Hammaren) 23,895 lbs, Gothenburg; 23,978 lbs, Malmo
PALE—645 tons, Calliope, Rio de Janeiro; 240 tons, Comanche, London and Manchester
PEPPERMINT—3,200 lbs, American Farmer, London; 4,032 lbs, American Banker, London; 310 lbs, Binnendijk, Rotterdam; 318 lbs, Uruguay, Buenos Aires
SULPHONATED — 3,534 lbs, Quaker City, Manchester; 9,886 lbs, Exochorda, Marseilles
TAR—1,839 lbs, Antonia, Liverpool
TRANSFORMER—6,215 gls, Southern Prince, Buenos Aires
WHEAT GERM—870 lbs, American Banker, London
PAINT—2,437 lbs, Mormacport, Riga; 3,150 lbs, Southern Prince, Buenos Aires; 2,865 lbs, American Farmer, London; 17,909 lbs, American Banker, London; 4,188 lbs, Platano, Panama; 16,045 lbs, Buenaventura, Panama; 11,210 lbs, City of Brisbane, Wellington; 21,727 lbs, Silverteak, Manila; 9,590 lbs, Santa Rosa, Cartagena; 2,340 lbs, Puerto Rico, San Juan; 47,281 lbs, Hammaren, Stockholm; (Toledo) 10,245 lbs, Amsterdam; 30,707 lbs, Antwerp; (Bergensfjord) 3,120 lbs, Tonsberg; 7,753 lbs, Oslo; 1,561 lbs, Mormacmar, Buenos Aires
THINNER—3,300 gls, Eastern Prince, Buenos Aires
PARAFFIN—4,449 lbs, Black Falcon, Antwerp; (Vulcania) 57,885 lbs, Trieste; 11,-162 lbs, St Quaranti; (Santa Maria) 32,880 lbs, Buenaventura; 39,440 lbs, Arica; 11,-122 lbs, Buenaventura, La Libertad; 5,562 lbs, Ilsenstein, Rotterdam; (Santa Rosa) 22,350 lbs, Amapala; 45,218 lbs, Puerto Colombia; (Birmania) 1,097,292 lbs, Genoa; 294,262 lbs, Bari; 1,212,060 lbs, Venice; 45,248 lbs, Rex, Genoa; 18,022 lbs, Korsholm, Norrkoping; 75,510 lbs, Exochorda, Tel Aviv; 22,250 lbs, Kolsnaren, Stockholm; 7,882 lbs, Clan Matheson, Durban; 22,887 lbs, Aurania, London; 3,781 lbs, Gerolstein, Rotterdam; (Toledo) 21,133 lbs, Rotterdam; 14,460 lbs, Amsterdam; (Bergensfjord) 2,224 lbs, Drammen; 14,458 lbs, Oslo; 66,915 lbs, Tana, Santos
REFINED—162,880 lbs, Comanchee, London and Manchester
SCALE—248,710 lbs, Gloucester City, Bristol; 78,065 lbs, Paraguayo, Buenos Aires; 32,-169 lbs, Ilsenstein, Rotterdam; 123,712 lbs, Quaker City, Manchester
PETROLEUM, REFD—15,000 gls, Coamo, Ciudad
PHENOL—99,864 lbs, Kinai, London
PITCH—134,657 lbs, American Shipper, Manchester
POTASH, BICHROMATE—22,358 lbs, Mormacmar, Buenos Aires
CAUSTIC—57,622 lbs, Quaker City, Liverpool
METABISULPHITE—746 lbs, Quirigua, Havana
RESIN—5,000 lbs, American Shipper, Manchester
SYNTHETIC—942 lbs, Antonia, Liverpool
ROSIN—16,782 lbs, American Farmer, London; 12,179 lbs, American Banker, London; 11,-855 lbs, American Shipper, Liverpool; 5,639 lbs, President Harding, Hamburg; 1,324 lbs, Kolsnaren, Stockholm
SALT, FISHERY—100 tons, Alhambra, Grand Bank
SENEGA ROOT—4,104 lbs, Birmania, Genoa
SOAP—61,273 lbs, Silverteak, Manila; (Puerto Rico) 5,750 lbs, San Juan; 6,720 lbs, Ponce; 19,600 lbs, Mayaguez; 2,875 lbs, Ingertre, St Barths
LAUNDRY—151,591 lbs, Silverteak, Manila
POWDER—5,900 lbs, Hansa, Stockholm
TOILET—68,000 lbs, Binnendijk, Amsterdam; 35,000 lbs, Bergensfjord, Oslo
SODA, ASH—7,320 lbs, American Shipper, Manchester; (City of Brisbane) 33,660 lbs, Auckland; 41,450 lbs, Wellington; 13,515 lbs, Lyttelton; 15,500 lbs, Dunedin; 18,010 lbs, Dunedin; (Santa Rosa) 143,215 lbs, La Guaira; 60,150 lbs, Cartagena; 15,400 lbs, California, Glasgow; 10,812 lbs, Clan Matheson, Durban; 22,350 lbs, Steel Trader, Bombay; (Fredhem) 67,815 lbs, Porto Alegre; 22,351 lbs, Rio Grande; 2,816 lbs, Bergensfjord, Bergen
BICHROMATE—6,011 lbs, Kolsnaren, Norrkoeping
BROMIDE—120,384 lbs, Ashkhabad, Murmansk
CAUSTIC—(Platano) 7,180 lbs, Tumaco; 7,180 lbs, Pimentel; 10,770 lbs, Buenaventura; 23,688 lbs, Quirigua, Havana; (Sessa) 17,-936 lbs, Pisco; 5,612 lbs, Talcahuano; 14,-350 lbs, Coamo, Ciudad; 11,010 lbs, Santa Maria, Arica; (City of Brisbane) 32,512 lbs, Wellington; 5,660 lbs, Dunedin; 24,-494 lbs, Paraguayo, Santos; 574,400 lbs, Belpamela, Curacao; 25,110 lbs, Borinquen, Ciudad; 114,750 lbs, Uruguay, Santos; 325,118 lbs, Siboney, Vera Cruz; (Fredhem) 67,550 lbs, Porto Alegre; 22,350 lbs, Rio Grande; 35,875 lbs, Ferncliff, Santos; 96,060 lbs, Tana, Santos
CITRATE—113 lbs, Quirigua, Havana
CYANIDE—14,850 lbs, Sessa, Mollendo; 4,520 lbs, Santa Rosa, Porto Colombia
FLUORIDE—2,147 lbs, West Irmo, Marshall
HYDROSULPHITE—1,221 lbs, Black Falcon, Rotterdam
PERBORATE—19,812 lbs, San Pedro, Havre
PHOSPHATE TRI—11,200 lbs, Consuelo, Hull; (American Shipper), 11,386 lbs, Manchester; 11,347 lbs, Glasgow; 24,682 lbs, City of Brisbane, Lyttelton
SILICATE—20,350 lbs, Sessa, Buenaventura; 22,818 lbs, Santa Maria, Arica; 8,250 lbs, Buenaventura, Panama; 1,516 lbs, Uruguay, Buenos Aires
SOLVENTS—147,206 lbs, Paraguayo, Buenos Aires
STARCH—505 lbs, Borinquen, San Juan
CORN—40,900 lbs, American Banker, London; 28,200 lbs, American Shipper, Manchester; 3,000 lbs, Quirigua, Havana; 1,542 lbs, Buenaventura, Panama; 2,264 lbs, Quaker City, Manchester
WHEAT—56,840 lbs, Antonia, Liverpool
STRAMONIUM LEAVES—4,628 lbs, President Harding, Hamburg
TALC—22,300 lbs, Consuelo, Hull; 6,666 lbs, Vulcania, Algiers; 22,220 lbs, Hansa, Oslo; 3,030 lbs, Quirigua, Havana; 1,869 lbs, President Harding, Havre; 44,800 lbs, California, Glasgow; 44,800 lbs, Aurania, London
TALLOW—111,463 lbs, Rex, Naples; 39,958 lbs, Birmania, Naples
TANNING EXTRACT—55,282 lbs, Uruguay, Buenos Aires; (Clan Matheson) 20,115 lbs, Durban; 20,110 lbs, Lourenco Marques
TOLUOL—(City of Brisbane) 2,100 gls, Auckland; 2,505 gls, Wellington; 1,650 gls, Wanganui; 1,720 gls, Lyttelton; 4,125 gls, Dunedin; 700 gls, Mormacmar, Montevideo; 3,000 gls, Ferncliff, Montevideo
SUBSTITUTE—3,575 gls, American Farmer, London
UREA—22,300 lbs, Black Falcon, Antwerp
VARNISH — 1,869 lbs, President Harding, Havre; 555 lbs, Birmania, Bari; 3,014 lbs, Korsholm, Gothenburg; 1,515 lbs, Mormacmar, Buenos Aires
WITCH HAZEL EXTRACT — 17,360 lbs, Gloucester City, Bristol
ZINC OXIDE—738 lbs, President Harding, Havre
STEARATE—342 lbs, Quirigua, Havana

Baltimore Exports

Clearance Dates

Black Heron, March 1; Blommersdijk, March 7; Exhibitor, February 27; Foylebank, March 2; Kansai, February 27; Korsholm, February 25; Maine, March 4; Manchester Exporter, March 6; Mormacmar February 25; McKeesport, March 1; Orion, March 2; Schodack, February 27; Scanstates, March 2; Steel Seafarer, March 2; Tana, February 28; Tureby, March 6; Vingaren, March 6; West Cawthon, February 25

ACID, CHROMIC—11,000 lbs, Korsholm, Gothenburg; 4,400 lbs, Black Heron, Antwerp
AMMONIA, ANHYD—10,027 lbs, Maine, Cristobal
AMMONIA SULPHATE—399 tons, Steel Seafarer, Cheribon
AMMONIATED PHOSPHATE—404,522 lbs, Orion, St John, N B
ASPHALT, SOLID—23,195 lbs, Schodack, Dunkirk; 12,533 lbs, McKeesport, London; 108,854 lbs, Machester Exporter, Liverpool
BONEMEAL—100,000 lbs, Orion, St John, N B
CADMIUM LITHOPONE—112 lbs, West Cawthon, Durban
CALCIUM ARSENATE—20,000 lbs, Maine, Peru
CEMENT, ASBESTOS—5,300 lbs, Maine, Cristobal
CLAY—200 lbs, Mormacmas, Santos
COLOR, DRY—33 lbs, Mormacmar, Santos
COPRA CAKE—100 tons, Schodack, Havre/Dunkirk
DEODORIZER—183 lbs, Foylebank, Manila
DEXTRIN—(West Cawthon) 8,000 lbs, Durban; 8,000 lbs, Capetown; 1,000 lbs, McKeesport, London
ETHYL CARBONATE—50 lbs, McKeesport, London
FERTILIZER—200 lbs, Tureby, Santos
GLASS FRIT, CRSHD—10,000 lbs, Manchester Exporter, Birmingham
GREASE, LUBRIC—1,210 lbs, Vingaren, Helsingfors; 7,962 lbs, Manchester Exporter, St John, N B; 6,484 lbs, Blommerdijk, Rotterdam; 59,685 lbs, Kansai, Osaka; 2,381 lbs, Exhibitor, Athens; 540 lbs, Tana, Santos; 1,225 lbs, Scanstates, Copenhagen; 116,867 lbs, McKeesport, Hamburg; 26,965 lbs, Black Heron, Rotterdam; (Maine) 13,093 lbs, Valparaiso; 5,902 lbs, Panama
INSECTICIDE—209 lbs, Vingaren, Stockholm
IRON SAND—4,480 lbs, Korsholm, Oslo
LACQUERS—44 gals, Korsholm, Skara
LOGWOOD EXTRACT—560 lbs, Blommersdijk, Amsterdam
OIL, ENGINE—296 bbls, Blommersdijk, Rotterdam
LUBRICATING—(Kansai), 70 gals, Osaka; 134 bbls, Shanghai; 1,071 gals, Tana, Santos; 194 bbls, Scanstates, Prague
OYSTER SHELLS, CRSHD—200,000 lbs, Orion, St John, N B
PAINT, PREP—900 gals, Foylebank, Manila
THINNER—15 gals, McKeesport, Slough Bucks
PARAFFIN—35,945 lbs, Kansai, Shanghai; 102,506 lbs, McKeesport, Oslo
POLISH—4,000 lbs, West Cawthon, Durban
PORCELAIN ENAMEL FRIT—4,150 lbs, Mormacmar, Santos
ENAMEL, LIQ—115 lbs, Mormacmar, Santos
RUTILE—11,200 lbs, Manchester Exporter, Liverpool; 2,645 lbs, Blommersdijk, Rotterdam
SODA ASH—106,800 lbs, Foylebank, Manila
BICHROMATE—22,400 lbs, Korshalm, Stockholm; 8,881 lbs, Black Heron, Rotterdam; 22,046 lbs, Maine, Valparaiso
CAUSTIC—448,158 lbs, Foylebank, Shanghai
STARCH, CORN—142,000 lbs, Black Heron, Antwerp, 682,440 lbs, Manchester Exporter, Manchester
TITANIUM DIOXIDE—11,100 lbs, Tureby, Sao Paulo
VARNISH—20 gals, McKeesport, Slough Bucks

Beaumont Exports

Clearance Dates

Francis R Hart, March 6; Permian, March 7; Tatra, March 3; West Harshaw, March 5

BLACK, CARBON—(West Harshaw) 2,240 bgs, Avonmouth; 6,765 bgs, Glasgow
LUBRICANTS—(Tatra) 1,703 pkgs, Gothenburg; 396 pkgs, Oslo
OIL, GAS—70,918 bbls, Francis R Hart, Curacao
PETROLEUM, CRUDE—90,119 bbls, Permian, Buenos Aires
SULPHUR—(West Harshaw) 600 bgs, Dublin; 240 bgs, Belfast; 1,500 bgs, Glasgow

Boston Exports

Clearance Dates

American Merchant, March 9; Lady Hawkins, March 11; Lady Somers, March 4; McKeesport, March 7; Mormacsun, March 9; President Van Buren, March 6; Samaria, March 4; Yarmouth, March 9

ALUMINA OXIDE—1,537 bgs, 41 kgs, 164,897 lbs, McKeesport, London
ANIMAL DIP—20 dms, 10,460 lbs, President Van Buren, Manila
BRISTLES—18 cs, 1,949 lbs, Yarmouth, St John, N B
CEMENT, ABRASIVE—30 dms, 10,800 lbs, Samaria, Birmingham
ADHESIVE—8 cans, 240 lbs, McKeesport, London
CAN—25 dms, 9,537 lbs, McKeesport, London
RUBBER—7 dms, 378 gls, President Van Buren, Manila
CHEMICALS—6 dms, 600 lbs, McKeesport, London
CLAY—232 dms, and 66 bbls, 39 tons, McKeesport, London
CLEANER—2 crtns, Yarmouth, St John, N B
DIATOMACEOUS EARTH—80 bgs, 4,000 lbs, American Merchant, Coley
DRESSING, LEATHER—4 pails, 30 gls, Lady Somers, Kingston
SHOE—(Samaria) 5 bxs, 4 kgs, 275 lbs, Capetown; 3 cs, 8 kgs, 663 lbs, Port Elizabeth
DUPLICATING FLUID—6 cs, 72 gls, President Van Buren, Hilo
GARNET ROCK, GRD—8 dms, 2,343 lbs, McKeesport, London
INK, MARKING—1 cs, 50 lbs, McKeesport, Prague
PRINTING—2 cs, 393 lbs, Samaria, Manchester; (President Van Buren) 15 dms, 3,722 lbs, Singapore; 5 dms, 1,249 lbs, Penang; 1 bx, 229 lbs, McKeesport, London
STENCIL—1 bx, 56 lbs, McKeesport, London
WRITING—(President Van Buren) 60 bxs, 16 cs, 11 pkgs, Manila; 13 pkgs, Cebu; 59 pkgs, Hongkong; 4 pkgs, Honolulu
LINING COMP—(McKeesport) 20 dms, 1,060 gls, Copenhagen; 85 dms, 902 gls, Odense; 12 dms, 156 gls, Malmo
MEDICINAL PREPS—600 bxs, 3,000 gls, McKeesport, London; 401 bxs, 2,005 gls, American Merchant, London
MOLASSES—30 bbls, 1,650 gls, Mormacsun, Copenhagen
MUCILAGE—3 cs, 548 lbs, President Van Buren, Hongkong
OIL, CASTOR, SULPHONATED—2 bbls, 102 gls, Samaria, Coventry
LUBRICATING—1 dm, 55 gls, Lady Somers, Hamilton, Bermuda; (Samaria) 1 cs, 35 gls, Liverpool; 5 bbls, 2 kgs, 304 gls, Madras; 20 bbls, 1,155 gls, Mormacsun, Valdemarsvik
NEATSFOOT—20 dms, 1,120 gls, Mormacsun, Valdemarsvik
RAYON—80 dms, 4,360 gls, Samaria, Coventry
WATCH—3 bxs, 42 lbs, McKeesport, London
PAINT—7 dms, 465 lbs, Lady Somers, Nassau; 2 cs, Lady Hawkins, Hamilton
ASPHALT—9 bxs, 50 gls, President Van Buren, Honolulu
PASTE, ADHES—(President Van Buren) 2 cs, 230 lbs, Manila; 2 cs, 322 lbs, Hongkong; 11 pkgs, 281 lbs, Honolulu; 125 dms, 6,225 lbs, McKeesport, London

PITCH, PINE—1 dm, 196 lbs, Yarmouth, St John, N B
POLISH, SHOE — 10 cs, 850 lbs, Samaria, Leicester; 45 cs, 1,636 lbs, Yarmouth, St John, N B; 30 crtns, 500 lbs, Lady Hawkins, Bridgetown
ROSIN—4 dms, 1,600 lbs, Mormacsun, Stockholm
SILICON—1 bg, 100 lbs, Yarmouth, St John, N B
CARBIDE—5 kgs, 560 lbs, McKeesport, London
SOAP, FLAKE—(President Van Buren) 9 cs, 214 lbs, Kahului; 4 cs, 134 lbs, Port Allen; 65 cs, 1,335 lbs, Honolulu; 5 cs, 116 lbs, Nawiliwili
MEDICATED—1 cs, 32 lbs, Lady Hawkins, Barbados
POWDER—50 cs, 1,828 lbs, President Van Buren, Honolulu
TAR—(President Van Buren) 50 cs, 1,250 lbs, Kahului; 15 cs, 375 lbs, Port Allen; 200 cs, 4,875 lbs, Honolulu; 25 cs, 600 lbs, Nawiliwili
TOILET—(President Van Buren) 75 cs, 1,780 lbs, Kahului; 45 cs, 1,068 lbs, Port Allen; 200 cs, 4,750 lbs, Honolulu; 25 cs, 594 lbs, Nawiliwili
SODA BICARBONATE—60 bbls, and 100 kgs, 35,200 lbs, Yarmouth, St John, N B
TALC—1 cs, 6 lbs, Lady Hawkins, Barbados
TURPENTINE, GUM—10 dms, 3,850 lbs, Yarmouth, St John, N B
WAX, BEES—1 cs, 74 lbs, Yarmouth, Yarmouth
FLOOR—10 dms, 4,220 lbs, Mormacsun, Helsingfors
SHOE—1 bbl, 430 lbs, President Van Buren, Manila

Galveston Exports

Clearance Dates

Cymbeline, March 4; Gorm, March 6; Iroquois, March 6

ASPHALT—25 tons, Gorm, Copenhagen
OIL, Fuel—20,000 bbls, Cymbeline, London
GAS—4,000 bbls, Cymbeline, London; 10,000 tons, Iroquois, Manchester and Avonmouth

Houston Exports

Clearance Dates

Chester Valley, March 1; Cymbeline, March 2; Gylfe, March 4; Hanover, March 1; Houston City, March 7; Inverlee, March 3; Morviken, March 1; President Francqui, March 1; Sheherazade, March 1; Tatra, March 7; Vigilant, March 4

BLACK, CARBON—(Morviken) 100 tons, Yokohama; 85 tons, Osaka; 110 tons, Kobe; (Hanover) 24 cs, Genoa; 8,610 bgs, Trieste; 90 cs, Piraeus; 20 tons, Vigilant, Gdynia; 1,102 bgs, 3 cs, Tatra, Gothenburg; (Houston City) 308 bgs, 50 cs, Kobe; 400 bgs, 55 cs, Osaka; 625 bgs, 67 cs, Yokohama; 3,505 bgs, Kobe-Osaka-Yokohama
GASOLINE—2,500 tons, President Francqui, Lisbon
STABILIZED—830 tons, Sheherazade, Havre
KEROSENE—1,900 tons, President Francqui, Lisbon
OIL—10 tons, Chester Valley, Havana
FUEL—2,400 tons, Cymbeline, London
GAS—2,750 tons, President Francqui, Lisbon; 2,900 tons, Cymbeline, London; 8,850 tons, Gylfe, Amsterdam-London
PETROLEUM, CRUDE—17,000 tons, Sheherazade, Havre; 12,705 tons, Inverlee, Havre
TOPPED—950 tons, Morviken, Yokohama
PARAFFIN—200 tons, Hanover, Venice

Lake Charles Exports

Clearance Date

Genevieve Lykes, February 26

ROSIN—25 dms, Genevieve Lykes, Port au Prince

Los Angeles Exports

Clearance Dates

Cingalese Prince, March 2; City of Norfolk, February 25; Condor, February 24; Damsterdyk, February 27; Elyo, February 24; Griffco, February 23; Hawaiian, March 2; Huzisan, February 27; Indra, February 27; Irisbank, February 28; Kingsley, March 2; Lochmonar, February 25; Margaret Johnson, February 28; Mariposa, March 1; Niel Maersk, October 31; President Monroe, February 27; Santa Maria, March 1; Schuylkill, March 4; Scottish Star, February 24; Steel Age, February 24; Tatibana, February 24; Toa, February 27; Warwick, March 4; Weser, March 2; Zuiyo, February 26

ACETONE—166 dms, 55,260 lbs, Lochmonar, London; 50 dms, 17,900 lbs, Neil Maersk, Shanghai; (Margaret Johnson) 107 dms, 2 cs, Copenhagen; 24 dms, 8,590 lbs, Gothenburg
ACID, BORIC—(Scottish Star) 1,000 bgs, 112,000 lbs, Liverpool; 300 bgs, 33,600 lbs, Glasgow
NITRIC—(Condor) 810 lbs, Mazatlan; 7 lbs, Amapala
SULPHURIC—4,550 lbs, Niel Maersk, Manila
ALCOHOL, BUTYL—60 dms, 22,140 lbs, Lochmonar, Amsterdam; (Niel Maersk) 68 dms, 25,100 lbs, Osaka; 30 dms, 11,070 lbs, Shanghai
AMYL ACETATE—10 dms, 3,940 lbs, Niel Maersk, Hongkong
ANTIMONY OXIDE—900 lbs, Niel Maersk, Hongkong
ASPHALT—114 dms, 60,530 lbs, City of Norfolk, Cristobal/Balboa; 100 bbls, 34 pkgs, 60,020 lbs, President Monroe, Bombay
BORATE—6,950 bgs, 1,251,170 lbs, Weser, Hamburg
BORAX—1,182 bgs, 132,380 lbs, Lochmonar, Rotterdam; 1,700 bgs, 190,400 lbs, Niel Maersk, Osaka; (Scottish Star) 3,280 bgs, 380,800 lbs, Liverpool; 840 bgs, 100,800 lbs, Glasgow; (Margaret Johnson) 1,000 bgs, 112,000 lbs, London; 397 bgs, 44,090 lbs, Ronneby; 100 cs, 10,000 lbs, Irisbank, Manila; (Weser) 6,000 bgs, 672,000 lbs, Hamburg; 4,000 bgs, 448,000 lbs, Rotterdam
BUTYL ACETATE—11 dms, 4,100 lbs, Lochmonar, London; (Niel Maersk) 5 dms, 2,010 lbs, Hongkong; 30 dms, 11,820 lbs, Shanghai; 10 dms, 3,940 lbs, Margaret Johnson, Malmo
CHEMICALS—1,010 lbs, Niel Maersk, Hongkong
CLAY, FILTER—(Kingsley) 100 sks, 5,000 lbs, Vancouver; 1,600 sks, 79,740 lbs, Edmonton
GROUND—2,400 sks, 120,000 lbs, Margaret Johnson, Karlshamm; (President Monroe) 100 bgs, 11,200 lbs, Karachi; 1,000 sks, 112,000 lbs, Al Khobar
CLEANER—27 pkgs, 12,490 lbs, Lochmonar, Rotterdam
COTTON LINTERS—80 bls, 40,000 lbs, Kingsley, Edmonton
DIATOMACEOUS EARTH—515 bgs, 52,240 lbs, Lochmonar, Glasgow; (Steel Age) 924 bgs, 89,770 lbs, London; 486 bgs, 44,710 lbs, Liverpool; 24 bgs, 2,380 lbs, City of Norfolk, Havana; 200 bgs, 20,000 lbs, Condor, Mazatlan; 448 bgs, 44,800 lbs, Margaret Johnson, London; 20 bgs, 2,000 lbs, Damsterdyk, Vancouver; 1,250 bgs, 125,000 lbs, Hawaiian, Ponce
ETHYL ACETATE—10 dms, 3,970 lbs, Niel Maersk, Hongkong
KETONE—90 dms, 32,940 lbs, Lochmonar, Amsterdam; 30 dms, 10,980 lbs, Niel Maersk, Shanghai
FULLER'S EARTH—3,500 sks, 357,000 lbs, Indra, Talara
GASOLINE—150 dms, 49,330 lbs, Condor, Tegucigalpa; 84,868 bbls, 22,150,550 lbs, Elyo, Dairen; 113,235 bbls, 29,554,340 lbs, Schuylkill, Aruba
GREASE, LUBRIC—1,200 lbs, Condor, Cutuco; 250 lbs, Cingalese Prince, Manila
GYPSUM—1,680 sks, 168,000 lbs, Mariposa, Auckland
HERBS, DRY—1,090 lbs, Lochmonar, London
INSECTICIDE, AGRIC—860 lbs, Lochmonar, Amsterdam
IRON OXIDE—520 lbs, Niel Maersk, Hongkong
KEROSENE—2 dms, 570 lbs, Griffco, Santa Rosalia; 13,039 bbls, 3,716,120 lbs, Warwick, Ioco
DISTILLATE—3,266 bbls, 921,010 lbs, Niel Maersk, Hongkong
LACQUER—(President Monroe) 370 lbs, Bombay; 2,140 lbs, Izmir; 1,130 lbs, Cairo
AUTO—2,070 lbs, President Monroe, Singapore
COLORED—2,670 lbs, Condor, Lima
THINNER—33 pkgs, 19,710 lbs, Cingalese Prince, Manila (President Monroe) 2,180 lbs; Singapore, 3,840 lbs, Cairo
LITHOPONE—900 lbs, Niel Maersk, Hongkong
OIL, DIESEL—27,652 bbls, 8,627,420 lbs, Santa Maria, Vancouver; (Zuiyo) 22,156 bbls, 6,912,670 lbs, Tsurumi; 34,414 bbls, 10,737,170 lbs, Onagawa; 53,648 bbls, 16,738,180 lbs, Tatibana, Yolohama or option; 3,190 bbls, 995,280 lbs, Indra, Coquimbo
FUEL—79,925 bbls, 26,615,030 lbs, Toa, Sasebo; 79,827 bbls, 26,582,390 lbs, Huzisan, Sasebo; 6,302 bbls, 2,096,570 lbs, Irisbank, Hongkong
LUBRICATING—(Condor) 13 dms, 5,820 lbs, Cutuco; 10 dms, 5,040 lbs, Puntarenas; 4 dms, 1,550 lbs, Griffco, Santa Rosalia; 1,200 bbls, 465,600 lbs, Warwick, Port Moody
MOTOR—12 dms, 40 cs, 7,480 lbs, Singalese Prince, Manila
SALAD—1,540 lbs, Singalese Prince, Manila
SARDINE—500 lbs, Niel Maersk, Hongkong
PAINT—1,540 lbs, Condor, Lima; 8,310 lbs, Cingalese Prince, Manila
PASTE—1,020 lbs, Cingalese Prince, Manila
PETROLEUM, GAS, LIQ—60 cyls, 6,000 lbs, Lochmonar, Barranquilla
SOAP, LAUNDRY—500 ctns, 25,000 lbs, Hawaiian, San Juan
SODA ASH—40 bgs, 4,000 lbs, Condor, San Jose; 112 bgs, 11,200 lbs, Margaret Johnson, Stockholm
SOLVENTS—30 dms, 11,940 lbs, Niel Maersk, Shanghai
TALC—91 sks, 11,200 lbs, City of Norfolk, Havana
GROUND—300 bgs, 31,360 lbs, Kingsley, Vancouver
TOILET PREPS—380 lbs, Steel Age, London; 600 lbs, City of Norfolk, Panama City; 350 lbs, Margaret Johnson, Stockholm; (President Monroe) 980 lbs, Singapore; 560 lbs, Rangoon; 800 lbs, Irisbank, Manila; 510 lbs, Mariposa, Suva
TRIPOLI, POWD—600 lbs, Niel Maersk, Hongkong; 400 lbs, Mariposa, Wellington
TURPENTINE, GUM—930 lbs, Niel Maersk, Hongkong
WOOD—900 lbs, Niel Maersk, Hongkong
VARNISH—2,710 lbs, Cingalese Prince, Manila
WAX, BEES—450 lbs, Niel Maersk, Hongkong

New Orleans Exports

Clearance Dates

Cefalu, February 14; Dortmund, February 20; Eglantine, February 25; Elias G Kulukundis, February 20; Gansfjord, February 14; Istria, February 17; Lindvangen, February 23; Morazan, February 16; Morviken, February 25; Nishmaha, February 28; Primo, February 25; Santa Marta, February 14; Sinaloa, February 10; Spaarndam, February 25; Tegucigalpa, February 10, February 23; Ulua, February 17; Yoro, February 23

ALCOHOL, BUTYL—(Elias G Kulukundis) 30 tons, Yokohama; 71 tons, Kobe
ANIMAL CHARCOAL—18 dms, Cefalu, Chanaral
ASPHALT—566 dms, Contessa, Valparaiso; 3 tons, Dortmund, Wellington
BARYTES—32 tons, Primo, Maracaibo
BLACK, CARBON—100 sx, Tegucigalpa, Vera Cruz; 36 tons, Istria, Marseilles; (Eglantine) 6 tons, Liverpool; 14 tons, Manchester; 62 tons, Liverpool-Manchester; (Spaarndam) 3 tons, London; 11 tons, Antwerp; 42 tons, Nishmaha, Havre; (Dortmund) 1 ton, Dunedin; 3 tons, Lyttelton
CALCIUM ARSENATE — 700 dms, Cefalu, Paita
CHLORIDE—20 dms, Tegucigalpa, Tampico
CELLULOSE FILM — 5 tons, Tegucigalpa, Tampico; 3 tons, Morazan, Vera Cruz
CLAY—57 tons, Nishmaha, Havre
COMMON—91 tons, Eglantine, London
GROUND—(Spaarndam) 103 tons, London; 10 tons, Rotterdam
COALTAR—5 dms, Cefalu, Panama City
COCOA WASTE—38 tons, Spaarndam, Amsterdam
CORN SYRUP—47 tons, Eglantine, Liverpool
COTTONSEED HULL SHAVING PULP — 99 tons, Eglantine, Liverpool; 49 tons, Spaarndam, Rotterdam; 49 tons, Nishmaha, Havre
CREOSOTE—5 dms, Ulua, Panama
DIATOMACEOUS EARTH—60 sx, Tegucigalpa, Vera Cruz
DISTILLATE—50 dms, Contessa, Ceiba
FIRECLAY—1 ton, Cefalu, Ceiba; 1 ton, Elias G Kulukundis, Yokohama; 16 tons, Nishmaha, Antwerp; 42 tons, Ulua, Havana
GASOLINE—425 dms, 190 bbls, Gansfjord, Puerto Barrios; 50 cs, 85 dms, Sinaloa, Bluefields; 18 tons, Nishmaha, Havre
GLAZING COMP—1 ton, Tegucigalpa, Vera Cruz
GLUCOSE—10 bbls, Contessa, Havana
GREASE, LUBRIC—36 dms, 40 cs, Morazan, Vera Cruz; 7 dms, Cefalu, Ceiba; 13 ctns, 1 pkg, 5 dms, 40 pls, Santa Marta, Puerto Barrios; 1 ton, Spaarndam, Antwerp
INK—21 dms, Ulua, Havana
INVALIDS FOD—1 ton, Ulua, Havana
KEROSENE—5 dms, Contessa, Puerto Cabezas; 100 cs, Ulua, Puerto Limon; 50 cs, Cefalu, Puerto Cabezas; 175 dms, 1,000 cs, Santa Marta, Puerto Barrios; 5 dms, 100 cs, Sinaloa, Bluefields
LARD—(Tegucigalpa) 1,000 tins, Tampico; 1,750 tins, Vera Cruz; 800 tins, Morazan, Vera Cruz; (Contessa) 300 tins, Panama; 600 tins, Puntarenas; 9 tons, Primo, Paramaribo; (Ulua) 525 dms, Havana; 200 tins, Panama; 1,200 tins, Puerto Limon; 200 tins, Santa Marta; 582 tins, Cefalu, Guayaquil; 800 tins, Santa Marta, Puerto Barrios; 113 tons, Eglantine, Liverpool
SUBSTITUTE—4 cs, Morviken, Yokohama; 65 crts, Santa Marta, Porto Barrios
LICORICE PASTE—1 ton, Tegucigalpa, Vera Cruz
MOLYBDENUM CONC—23 tons, Istria, Marseilles
OIL, FLOTATION—40 dms, Contessa, Coquimbo
FUEL—(Contessa) 150 dms, 325 bbls, Puerto Cabezas; 1,900 bbls, Ceiba; 1,000 bbls, Cefalu, Ceiba; 30 dms, Sinaloa, Bluefields; 1,400 bbls, Lindvangen, Moengo
LUBRICATING—392 dms, Morazan, Vera Cruz; (Contessa) 5 dms, Valparaiso; 30 dms, Puerto Cabezas; 7 dms, Ceiba; 24 dms, Tegucigalpa, Tampico; 47 tons, Istria, Marseilles; 18 tons, Primo, Maracaibo; (Spaarndam) 21 tons, London; 14 tons, Rotterdam; (Cefalu) 2 dms, Puerto Cabezas; 7 dms, Ceiba; 101 dms, 40 crts, 28 tins, Santa Marta, Puerto Barrios; (Elias G Kulukundis) 20 tons, Yokohama; 20 tons, Kobe; 10 tons, Kobe-Osaka; 13 tons, Dortmund, Wellington
PINE—5 tons, Istria, Marseilles
REFINED—100 cs, 1,000 ctns, Santa Marta, Puerto Cortez
PAINT—27 dms, Tegucigalpa, Vera Cruz; 1 ton, Contessa, Amapala; 1 ton, Cefalu, Panama City
PARAFFIN—(Tegucigalpa) 4,342 sx, Vera Cruz; 500 sx, Tampico; 4,500 sx, Morazan, Vera Cruz; 250 sx, Ulua, Havana; 77 tons, Eglantine, Manchester; 100 sx, Santa Marta, Puerto Cortez
PETROLATUM—150 bbls, Morviken, Kobe
PETROLEUM—10 tons, Nishmaha, Havre
PINETAR—15 dms, Vera Cruz; 27 dms, Tegucigalpa, Vera Cruz; 22 dms, Yoro, Alvaro Obregon
ROSIN—100 dms, Contessa, Havana; (Ulua) 15 dms, Puerto Limon; 10 dms, Mollendo; 12 tons, Spaarndam, Rotterdam; 6 dms, Lindvangen, Port of Spain; (Dortmund) 12 tons, Dunedin; 22 tons, Lyttelton; 6 tons, Wellington; 53 tons, Auckland
WOOD—25 dms, Contessa, Panama
SALT—135 tons, Contessa, Havana; (Cefalu) 50 tons, Havana; 5 tons, Puerto Cabezas; 10 ctns, Lindvangen, Port of Spain
SODA, CAUSTIC—65 dms, Cefalu, Havana
SOYBEAN MEAL—800 sx, Cefalu, Havana; 550 sx, Lindvangen, Bridgetown
STARCH—4 tons, Dortmund, Dunedin
CORN—11 tons, Eglantine, Manchester
SULPHUR—3,300 tons, Eglantine, Manchester; 3 tons, Cefalu, Ceiba
TANNING EXTRACT—290 sx, Tegucigalpa, Vera Cruz
TOILET PREPS—1 ton, Ulua, Colon
TURPENTINE—50 dms, Cefalu, Callao; (Dortmund) 5 tons, Dunedin; 5 tons, Wellington; 6 tons, Auckland
VARNISH—1 ton, Tegucigalpa, Tampico
ZINC DUST—275 dms, Tegucigalpa, Vera Cruz

Norfolk Exports

Clearance Date

Blommersdijk, March 8

BONE, SCRAP—1,294 bgs, 107,712 lbs, Blommersdijk, Rotterdam
DEER TONGUE LEAVES — 2 bls, 293 lbs, Blommersdijk, Lisbon
MICA, GRD—107 bgs, 11,449 lbs, Blommersdijk, Amsterdam

Philadelphia Exports

Clearance Dates

Benedict, March 6; Black Tern, March 11; Blankaholm, March 13; Boston City, March 7; City of Auckland, March 1; Clan Alpine, March 9; Examiner, March 8; Giulia, March 11; Independence Hall, March 8; Parnahyba, March 8; Port Huon, March 4; Rhexenor, March 4; Steel Seafarer, March 4; Tanimbar, March 6; Vingaren, March 3; Voco, March 7

ALCOHOL, BUTYL—18 dms, Port Huon, Melbourne
AMMONIA, ANHYD—30 cyls, City of Auckland, Karachi
AMYL PHENOL—1 pkg, Black Tern, Rotterdam
ASPHALT, PETROLEUM — 12 dms, Port Huon, Sydney
BENZOL—14 dms, Benedict, Pernambuco
BLACK, BONE—(Port Huon) 2 dms, 20 bgs, Sydney; 2 cs, Melbourne
BUTYL ACETATE—(Port Huon) 11 dms, Sydney; 17 dms, Melbourne; 30 dms, Adelaide
CEMENT, GASKET—2 cs, Rhexenor, Penang; 51 pkgs, Independence Hall, Havre
COALTAR—29 pkgs, Black Tern, Rotterdam
COCOA WASTE—500 pkgs, Black Tern, Amsterdam
COLLODION COTTON—16 bbls, Black Tern, Rotterdam
DYESTUFFS—6 dms, Benedict, Pernambuco
EGG YOLK—4 bbls, Port Huon, Sydney
ETHYL FLUID—85 pkgs, Black Tern, Antwerp
FILTERSAND—300 pkgs, Boston City, Bristol
GASOLINE — (Parnahyba) 700 cs, Santos; 10,000 cs, Rio Grande; 5,000 cs, Sao Francisco; 550 cs, Paranagua
PRESERVATIVE—2 pkgs, Black Tern, Antwerp
GLUE—15 bxs, Vingaren, Eskilstuna
GREASE, LUBRIC—3 bxs, Rhexenor, Penang; (Port Huon) 27 dms, Sydney; 50 pls, Melbourne; 12 dms, 6 ctns, Steel Seafarer, Manila; (Parnahyba) 6 cs, 20 bkts, 30 bbls, Rio de Janeiro; 60 cs, 11 bbls, 50 dms, 50 bkts, Santos; 77 pkgs, Independence Hall, Havre
GUM, SYNTH—6 pkgs, Black Tern, Rotterdam
INK, PRINTING—2 pkgs, Black Tern, Antwerp
INSECTICIDE—42 ctns, Rhexenor, Penang; 1 dm, Port Huon, Sydney
KEROSENE—(Parnahyba) 5,000 cs, Rio Grade; 1,000 cs, Sao Francisco
LICORICE PASTE—5 cs, Port Huon, Melbourne; 20 pkgs, Boston City, Bristol; (Vingaren) 10 cs, Oslo; 10 dms, Abo; 10 cs, Gothenburg; 10 cs, Malmo; (Clan Alpine) 10 cs, East London; 29 cs, Lourenco Marques; (Blankaholm) 10 cs, Oslo; 10 cs, Helsingfors
LINSEED CAKE—5,027 bgs, Black Tern, Rotterdam
MANGANESE ORE—10 bbls, Port Huon, Melbourne
MEDICINAL PREPS—18 bxs, Steel Seafarer, Manila
MINERAL SPTS—(Parnahyba) 4,200 cs, Rio de Janeiro; 4,000 cs, Santos; 100 cs, Paranagua
OIL, FLUSHING—50 dms, City of Auckland, Calcutta
FUEL—300 cs, Parnahyba, Santos
LUBRICATING—(City of Auckland) 10 dms, Karachi; 145 dms, Bombay; 60 dms, Calcutta; (Benedict) 62 pkgs, Para; 83 pkgs, Maranhao; 727 pkgs, Pernambuco; 192 pkgs, Bahia; 417 pkgs, Cabedello; (Rhexenor) 12 ctns, 85 dms, Penang; 40 dms, 40 cs, Port Swettenham; 100 ctns, Singapore; 50 pkgs, Semarang; 105 pkgs, Sourabaya; 20 pkgs, Soengi Gerong; (Port Huon) 60 dms, 2,378 pks, Brisbane; 113 dms, 205 pkgs, 143 ctns, Sydney; 251 dms, 5 bbls, Melbourne; 160 dms, 25 ctns, 688 pkgs, Adelaide; 30 pkgs, Cairns; 30 pkgs, Rockhampton; 22 pkgs, Townsville Jetty; 40 pkgs, Lutoka; 2,378 pkgs, Brisbane; 66 pkgs, Boston City, Cardiff; 10 dms, Vingaren, Abo; (Tanimbar) 75 pkgs, Penang; 408 pkgs, Singapore; 84 dms, 74 cs, Bangkok; 17 pkgs, Semarang; 17 pkgs, Cheribon; 459 pkgs, Sourabaya; 219 pkgs, Macassar; 146 pkgs, Menado; (Steel Seafarer) 65 ctns, 45 dms, Manila; 5 dms, Cebu; 9 cs, Saigon; 90 dms, 185 cs, Haiphong; (Parnahyba) 465 cs, 355 dms, Rio de Janeiro; 2,645 cs, 745 dms, Santos; 200 cs, 75 dms, Rio Grande; 190 cs, 63 dms, Parnahyba; (Voco) 19,743 bbls, Bremen; 1,012 bbls, Zagreb; 1,274 bbls, Budapest; 2,723 bbls, Prague; 714 bbls, Zurich; 37 pkgs, Exmouth, Istanbul; (Independence Hall) 75 pkgs, Rouen; 172 pkgs, Havre; 80 pkgs, La Pallice; (Giulia) 465 bbls, 842 tons, Genoa; 116 bbls, Naples; 261 pkgs, Black Tern, Antwerp; (Clan Alpine) 265 dms, 205 cs, East London; 115 dms, 340 cs, Port Elizabeth; 110 dms, 795 cs, Capetown; 1,255 cs, Durban; 1,060 pkgs, Beira; 1,225 dms, 5,050 cs, Lourenco Marques; 470 cs, Morondava; 265 dms, Majunga; 120 pkgs, Diego Suarez; 2 dms, Blankholm, Stockholm.
NEATSFOOT—6 pkgs, Black Tern, Antwerp
TRANSFORMER—(Parnahyba) 220 cs, Rio de Janeiro; 10 cs, 18 dms, Santos
PAINT—1 kg, Independence Hall, Vitry Sur Seine, via Havre
PARAFFIN—425 pkgs, Boston City, Bristol; 126 bbls, Vingaren, Stockholm; (Parnahyba) 30 bbls, 10 cs, 10 ctns, Rio de Janeiro; 120 cs, 50 ctns, 50 bbls, Santos; 20 cs, Paranagua; 714 pkgs, Black Tern, Antwerp
RESIN, COALTAR—6 dms, Independence Hall, Paris, via Havre
RUBBER SOLUT—1 pkg, Black Tern, Rotterdam
SOAP, LAUNDRY—300 bxs, Boston City, Bristol
TANNING MATERIAL—(Port Huon) 6 bbls, Brisbane; 21 bbls, Sidney

Port Arthur Exports

Clearance Dates

Allister, March 4; Arena, February 25; Comliebank, February 28; Garonne, March 1; Meline, March 1; Ranja, March 1; Sandar, March 1; Turicum, March 4

ASPHALT—(Comliebank) 4,285 dms, 150 cs, Capetown; 200 dms, 10 cs, Port Elizabeth; 750 dms, 34 cs, East London; 234 cs, Durban; 3,650 dms, 200 cs, Lourenco Marques; 60 dms, 55 cs, Beira; 1 bx, Allister, Colon
LIQUID—19 cs, Comliebank, Mombasa
BLENDING FLUID—19 bbls, Garonne, Santander-Bilbao
GASOLINE—150 cs, Comliebank, Port Elizabeth; (Ranja) 15,671 bbls, London; 32,857 bbls, Nantes; 63,386 bbls, Garonne, Santander - Bilbao; 31,357 bbls, Turicum, Gothenburg; (Allister) 600 bbls, Progresso; 600 bbls, Puerto Limon; 400 dms, Baranquilla; 400 bbls, Cristobal; 3 cs, Colon; 200 bbls, Panama City; 200 bbls, Buenaventura; 4,851 dms, Puntarenas
AVIATION—17,663 bbls, Garonne, Santander-Bilbao
GREASE, LUBRICATING—(Comliebank) 360 dms, 840 cs, 30 crts, 400 pls, Capetown; 95 dms, 156 cs, 150 crts, 10 pls, Port Elizabeth; 210 dms, 405 cs, 50 pls, East London; 655 dms, 595 cs, 50 crts, 100 pls, Durban; 2,200 dms, 2,265 cs, 200 pls, Lourenco Marques; 565 dms, 40 crts, Beira; 125 dms, 258 cs, 20 crts, 150 pls, Mombasa; 140 dms, 72 cs, 50 crts, Port Louis; 80 kgs, 40 cs, Pointe des Galetz; 104 bbls, Sandar, Santander-Bilbao; (Allister) 1 dm, Puerto Limon; 14 dms, 10 cs, Barranquilla; 4 cs, Colon
KEROSENE—67,746 bbls, Arena, Rotterdam; (Comliebank) 35 cs, Capetown; 1,400 cs, Port Elizabeth; 1,000 cs, Lourenco Marques; 23,001 bbls, Ranja, London
NAPHTHA—2,923 bbls, Turicum, Gothenburg
OIL, DIESEL—(Comliebank) 2,500 dms, Port Elizabeth; 3,300 dms, Lourenco Marques; 1,425 dms, Beira; 2,500 dms, Mombasa; (Allister) 15 dms, Puerto Limon; 160 dms, Puntarenas
FUEL—38,910 bbls, Sandar, Santander-Bilbao; 34,152 bbls, Turicum, Gothenburg
GAS—28,840 bbls, Sandar, Santander-Bilbao; 34,152 bbls, Turicum, Gothenburg
LUBRICATING—(Comliebank) 485 dms, 779 cs, Capetown; 670 dms, 695 cs, Port Elizabeth; 775 dms, 1,240 cs, East London; 2,940 dms, 2,020 cs, Durban; 2,585 dms, 20 529 cs, Lourenco Marques; 1,195 cs, 1,675 dms, Beira; 1,550 dms, 2,090 cs, Mombasa; 90 dms, 340 cs, Port Luis; 1,695 cs, Pointe des Galets; 4,063 bbls, 558 dms, Sandar, Santander-Bilbao; (Allister) 5 dms, Puerto Limon; 43 dms, 50 cs, Barranquilla; 12 cs, 24 dms, 3 cs, Colon
PAINT SOLVENT—(Comliebank) 40 dms, Capetown; 200 cs, 850 dms, Durban
PARAFFIN—7,168 bgs, Sandar, Santander-Bilbao; 7,195 bgs, Garonne, Santander-Bilbao; 500 bgs, Allister, Puntarenas
PETROLEUM, CRUDE—70,892 bbls, Meline, Bordeaux

San Francisco Exports

Clearance Dates

Bullaren, February 23; Chipana, February 28; City of Norfolk, February 24; Condor, February 21; District of Columbia, February 25; Mariposa, February 27; President Pierce, February 24; Richmond, February 28; Rosebank, February 23; San Diego, February 23

ABRASIVE PAPER—4 cs, President Pierce, Hongkong
ACETYLENE—40 cyls, Chipana, Puntarenas
ACID, BORIC—60 sks, Mariposa, Australia
CITRIC—1 bbl, Condor, La Libertad
FATTY—90 sks, Condor, San Juan del Sur
MURIATIC—12 crbys, Condor, Amapala
NITRIC—3 cs, Condor, Mazatlan
TARTARIC—1 kg, President Pierce, Manila
AMMONIA—15 cyls, Condor, Puntarenas
ASPHALT—(Condor) 2,672 bbls, Puntarenas; 10 dms, Callao; 1 dm, Bullaren, Australia; 20 dms, Rosebank, Vancouver; (President Pierce) 329 sks, Yokohama; 184 sks, Kobe; 131 sks, Osaka; 204 sks, 109 dms, Mariposa, Australia
GILSONITE — 49 sks, President Pierce, Shanghai
PREPARATION—2 cs, Condor, Guatemala
BIOLOGICALS, VET—1 cs, Mariposa, Australia
BLACK, CARBON—(President Pierce) 200 sks, 94 cs, Shanghai; 362 sks, Yokohama; 50 cs, Mariposa, Australia
BONE ASH—3 dms, Condor, La Union
MEAL—267 sks, Condor, La Libertad
BORAX—5 cs, Condor, La Union; 60 sks, Mariposa, Australia

CARBON BISULPHIDE—20 dms, Chipana, La Union; 10 dms, Condor, San Salvador
TETRACHLORIDE—8 cs, President Pierce, Manila
CELLULOSE ACETATE — 1 dm, Mariposa, Australia
CEMENT, LIQ—50 dms, 2 pls, Mariposa, Australia
MAGNESIA—3 sks, President Pierce, Shanghai
RUBBER—2 bbls, Mariposa, Australia
VULCANIZING — 10 cs, President Pierce, Shanghai
CHEMICALS—(President Pierce) 8 dms, 25 cs, Shanghai; 7 cs, Hongkong; 20 dms, Yokohama; (Mariposa) 1 dm, 6 cs, Australia; 1 bbl, Mariposa, New Zealand
CHLORINE BLEACH, LIQ—3 cs, President Pierce, Shanghai
LIQ—8 cyls, Condor, Corinto
CINNAMON—(Condor) 25 bls, La Libertad; 5 bls, San Juan del Sur; 45 bls, San Jose de Guatemala; 35 bls, Champerico; 2 bls, Puntarenas; 3 sks, Guayaquil; 5 bls, Amapala
CLEANER—(Mariposa) 1 cs, Australia; 1 cs, New Zealand; (President Pierce) 3 cs, Shanghai; 7 cs, Hongkong; 2 cs, Rosebank, Vancouver; 1 cs, Mariposa, New Zealand
CLOVES—(Condor) 1 sk, La Libertad; 7 sks, San Jose de Guatemala; 1 sk, Puntarenas; 1 sk, Guayaquil; 1 sk, Amapala
COALTAR—(Condor) 2 dms, Mazatlan; 10 cs, Guatemala
COLOR, DRY—(Condor) 2 bbls, Guadalajara; 38 cs, Guatemala; 100 cs, Quito; (President Pierce) 1 bbl, 10 kgs, Manila; 1 kit, Yokohama; 5 bbls, Mariposa, Australia
CREAM TARTAR—4 kgs, President Pierce, Manila
CUMIN SEED—(Condor) 3 sks, Guayaquil; 2 sks, Amapala; 2 sks, La Libertad
DENTIFRICE—1 cs, Mariposa, Fiji Islands
DRESSING, LEATHER—1 cs, Mariposa, Australia
DYE, GASOLINE—1 bbl, Condor, Puntarenas; 1 dm, Richmond, Vancouver
EGG YOLK, DRD—2 bbls, City of Norfolk, Cristobal
EXTERMINATOR PREP—2 cs, Mariposa, Samoa
FERTILIZER—200 sks, Condor, La Libertad
FISHMEAL—40 sks, Condor, Puntarenas
FLY SPRAY—10 dms, Condor, Guayaquil
FREON GAS—2 cyls, President Pierce, Manila
FULLER'S EARTH—3,500 sks, Condor, Talara
GASOLINE—(Condor) 25 dms, San Jose de Guatemala; 500 cs, Puntarenas; 8,428 bbls, District of Columbia, Vancouver; 50 dms, Richmond, Vancouver
GINGER ROOT—6 sks, Mariposa, Australia
GINSENG—9 cs, President Pierce, Hongkong
GLASS, PLATE—1 cs, Condor, Managua
GLUCOSE—90 bbls, President Pierce, Manila
GREASE, LUBRIC—110 dms, Bullaren, Australia; 64 dms, 274 pls, 50 cs, Rosebank, Shellburn; 1 bbl, 4 pls, President Pierce, Hongkong; 200 dms, Mariposa, Australia; 28 dms, 56 pls, 48 cs, Richmond, Vancouver; 3 cs, 11 pls, Chipana, San Jose de Guatemala
GYPSUM—3 kgs, Condor, Guatemala
HOPS—1 bl, President Pierce, Manila
HYDROGEN PEROXIDE—172 lbs, Condor, Amapala
INK, PRINTING—40 pls, 25 dms, Condor, Valparaiso; 60 pls, 3 kgs, Rosebank, Vancouver; (President Pierce) 5 dms, 5 pls, 5 hlf bbls, 7 cs, Manila; 1 pl, 1 cs, Shanghai; 52 pls, Hongkong; 1 kit, Mariposa, Australia
INSECTICIDE—6 cs, Condor, Guatemala; 3 dms, Rosebank, Victoria
KEROSENE—5 dms, Condor, Amapala; 600 bbls, District of Columbia, Vancouver
DEODORIZED—155 dms, Bullaren, Australia
LACQUER—(Condor) 62 pls, Mexico; 1 cs, Hermosillo; 6 cs, Guatemala; 10 cs, President Pierce, Manila
THINNER—(Condor) 1 dm, Guatemala; 25 dms, Shellburn
LEAD, OXIDE—1 cs, Mariposa, Australia
RED—150 kgs, President Pierce, Manila; 5 cs, Condor, Lima
WHITE—250 kgs, President Pierce, Manila
LIME—6 dms, Chipana, La Libertad
HYDRATED—600 sks, Rosebank, Vancouver
LIMESTONE, GRD—400 sks, Rosebank, Victoria
LITHARGE—(Condor) 5 pls, La Union; 2 kgs, Hermosillo; 10 kgs, President Pierce, Manila
LYE—1 cs, Condor, Guatemala
MEDICINAL PREPS—(Mariposa) 1 cs, New Zealand; 4 cs, Australia; 1 cs, New Zealand; 20 cs, Condor, Manzanillo; 1 cs, Rosebank, Vancouver; 39 cs, President Pierce, Manila; (City of Norfolk) 7 cs, Port of Spain; 4 cs, Paramaribo
MILK POWDER—10 bbls, President Pierce, Shanghai
MILLET SEED—4 sks, President Pierce, Manila
MINERAL SPTS—1,860 dms, Bullaren, Australia
NAPHTHA, PETROLEUM—60 dms, Bullaren, Australia
NITROCELLULOSE—2 dms, Rosebank, Victoria
OIL—2 cs, Condor, Guatemala; 2 cs, President Pierce, Manila
CASTOR—1 cs, Mariposa, Samoa
COCONUT—(Condor) 60 cyls, 20 dms, San Jose de Guatemala; 40 cyls, Guayaquil; 30 cyls, Puntarenas; 22 bbls, 60 cs, Mariposa, New Zealand
DIESEL—73,668 bbls, San Diego, Japan; 5,400 bbls, Richmond, Vancouver
ESSENTIAL—1 pkg, Chipana, Guatemala
FISH, HYDROGENATED—90 sks, Condor, San Juan del Sur
FLATTING—1 dm, Condor, Quito
LUBRICATING—(Condor) 1 cs, Guayaquil; 30 dms, Callao; 1,437 dms, 90 cs, Bullaren, Australia; 117 dms, Rosebank, Shellburn; (President Pierce) 6 cs, Hongkong; 429 dms, Manila; 50 dms, Shanghai; (Mariposa) 1 cs, Samoa; 2,325 dms, Australia; 459 dms, 3 pls, 13 cs, Richmond, Vancouver; 41 dms, 15 pls, 16 cs, Chipana, San Jose de Guatemala
MINERAL—1 dm, Richmond, Vancouver
MIXING—6 kgs, Condor, Guatemala
PALM—2 dms, Chipana, La Libertad
SARDINE—1 cs, Mariposa, Australia
TRANSFORMER—1 cs, Mariposa, Australia
VEGETABLE—5 dms, Condor, Manzanillo
ONION POWDER—3 dms, Mariposa, Australia
PAINT—(Condor) 38 cs, 3 dms, San Jose de Costa Rica; 4 pls, San Jose de Guatemala; 25 pls, 30 cs, Callao; 6 dms, 20 pls, Mexico; 1 cs, Cutuco; 12 kgs, 202 cs, Guatemala; 22 kgs, 5 cs, Quito; 237 kgs, 218 cs, President Pierce, Manila; 7 dms, City of Norfolk, Colon; (Mariposa) 7 cs, Apia; 1 cs, Australia
ENAMEL—(Condor) 4 dms, 39 pls, Mexico; 5 cs, Hermosillo; 10 cs, Guatemala
PASTE—2 cs, President Pierce, Manila
REMOVER—(Condor) 2 cs, Hermosillo; 2 cs, Guatemala
THINNER—2 dms, Condor, Mexico; 1 cs, President Pierce, Manila
PARAFFIN—400 sks, Condor, Callao; 11 sks, Rosebank, Vancouver
PASTE, ADHESIVE—1 bbl, Rosebank, Vancouver
LINOLEUM—15 cs, Condor, Callao
PEPPER, BLACK—(Condor) 3 sks, La Libertad; 48 sks, San Jose de Guatemala; 1 sk, Puntarenas; 2 cks, Guayaquil; 25 bls, Champerico; 5 bls, Amapala; 3 sks, Chipana, San Jose de Guatemala
PETROLEUM—1 dm, 14 cs, Chipana, San Jose de Guatemala
GAS, LIQ—13 cyls, Rosebank, Shellburn
PINETAR—30 dms, Bullaren, Australia
POLISH—3 cs, Condor, Guatemala; 6 cs, President Pierce, Manila; 62 cs, Rosebank, Vancouver
POTASH, XANTHATE—2 dms, Rosebank, Britannia Beach
PUTTY—1 cs, Condor, Guatemala
QUEBRACHO EXTRACT—210 sks, Bullaren, Australia
QUICKLIME—150 dms, Chipana, Corinto
RAPESEED—3 sks, President Pierce, Manila
RESIN—7 cs, Mariposa, Australia
SYNTHETIC—2 dms, Mariposa, Australia
ROSEMARY—1 sk, Condor, Amapala
SALT—521 tons, Rosebank, Vancouver; 5,000 pkgs, Mariposa, Australia
COBALT—800 pkgs, Mariposa, New Zealand
IODIZED—1,200 pkgs, Mariposa, New Zealand
SARDINE MEAL—2 sks, Mariposa, Australia
SHELLAC—2 sks, Condor, Guatemala; 10 bbls, Rosebank, Vancouver
ORANGE—2 sks, Condor, Corinto
SOAP—(Condor) 1 pkg, San Jose de Guatemala; 5 cs, Amapala; 2 cs, President Pierce, Shanghai
FLAKE—5 cs, President Pierce, Hongkong
LAUNDRY—(President Pierce) 20 cs, Tientsin; 8 cs, Hongkong
POWDER—4 cs, President Pierce, Shanghai
TOILET—500 cs, President Pierce, Manila
SODA—51 cs, President Pierce, Shanghai
ASH—20 sks, Condor, San Jose de Guatemala; 12 sks, Chipana, La Libertad
BICARBONATE—50 kgs, Rosebank, Vancouver
CAUSTIC—6 dms, Chipana, La Libertad
SILICATE—267 sks, President Pierce, Shanghai; 2 dms, Mariposa, New Zealand
XANTHATE—55 dms, Condor, Oruro; 160 dms, Rosebank, Flin Flon
SOLVENT, DRAINPIPE—2 cs, Condor, Corinto
PETROLEUM — 60 dms, Richmond, Vancouver
STARCH—5 sks, Mariposa, Australia
DIOXIDE—2 cyls, Mariposa, Fiji Islands
FLOWERS—10 sks, Condor, San Salvador; 67 sks, Mariposa, Australia
REFINED—11 sks, Mariposa New Zealand; (Chipana) 23 sks, Corinto; 10 sks, La Union
TALLOW—(Condor) 14 dms, Guayaquil; 5 dms, San Jose de Guatemala
TAPIOCA FLOUR—1 bbl, Chipana, La Union
TOILET PREPS—(President Pierce) 1 cs, Manila; 86 cs, Hongkong; 100 cs, Bangkok; 10 cs, Rosebank, Vancouver; (Mariposa) 3 cs, Australia; 2 cs, New Zealand; 1 cs, Fiji Islands; 3 cs, New Guinea; 4 cs, Chipana, San Jose de Guatemala
TREE WASH—40 cs, Mariposa, Australia
VARNISH—(Condor) 2 dms, Mexico; 10 dms, 1 cs, Guatemala; 9 cs, 40 kgs, President Pierce, Manila; 1 cs, Mariposa, Samoa
COPAL—2 cs, Condor, Amapala
WATERPROOFING COMP—1 cs, Mariposa, Australia
WAX—3 cs, Condor, Guatemala
WOOD PRESERVATIVE — 2 dms, Condor, Guatemala
YEAST—(President Pierce) 80 cs, Kobe; 120 cs, Yokohama
ZINC DUST—(Condor) 452 cs, 25 dms, Mazatlan; 51 cs, Puerto Bolivar; 97 cs, Amapala; 110 cs, Coquimbo

Savannah Exports

Clearance Dates

Bordeaux, March 10; Fluor Spar, March 8; Macabi, March 4; Montello, March 6; San Felipe, March 2; Shickshinny, March 8

CLAY—2,520 bgs, Fluor Spar, Manchester; 880 bgs, Shickshinny, London
COTTON LINTERS—(Fluor Spar) 85 bls, Liverpool; 25 bls, Manchester
MICA, GRD—(Shickshinny) 215 bgs, Antwerp; 100 bgs, Havre
ROSIN—(Bordeaux) 922 bbls, Yokohama; 90 bbls, Dairen; 662 bbls, Osaka; 2 dms, Shickshinny, Rotterdam; (Montello) 961 bbls, Genoa; 7 bbls, Bari; 10 bbls, Venice; 4 bbls, Catania; 13 bbls, Leghorn; 23 bbls, Naples
GUM—(San Felipe) 8 bbls, Valparaiso; 20 dms, Pimentel; 7 dms, Maracaibo; 10 bbls, Porto Cabello; (Fluor Spar) 625 bbls, Liverpool; 153 bbls, Manchester; (Shickshinny) 100 bbls, Bristol; 124 bbls, London; 200 bbls, Antwerp; 27 dms, 250 bbls, Rotterdam; 15 bbls, Tanimbar, Singapore
SIZE, DRY—224 bgs, Shickshinny, Rotterdam
TURPENTINE—50 dms, Shickshinny, Rotterdam; (Montello) 117 dms, Genoa; 5 dms, Naples; 1 bx, Fluor Spar, Glasgow
GUM—(San Felipe) 20 dms, Valparaiso; 10 cs, Pacasmayo; 25 cs, Callao; 33 dms, Cristobal; 3 dms, Barranquilla; 10 dms, San Jose; 110 dms, Valparaiso; (Shickshinny) 350 bbls, Avonmouth; 200 bbls, London; 34 bbls, Rotterdam

Tampa Exports

Clearance Dates

Borgestad, March 7; Clara, March 7; Delplata, March 1; Eastern Guide, March 2; Hybert, March 3; Laguna, March 3; Miss C B, March 4

AMMONIA, HOUSEHOLD—1 cs, Miss C B, Tumaco
ASBESTOS—1 sx, Miss C B Tumaco
BAKING POWDER—2 cs, Miss C B, Tumaco
CARBIDE—10 bbls, Miss C B Tumaco
COLOR, DRY—1 pkg, Laguna, Belize
GAS, REFRIGERATOR — 1 tank, Miss C B, Tumaco
GASOLINE—3 cs, Miss C B, Tumaco
INSECTICIDE, AGRIC—100 sx, Miss C B, Tumaco
LIME—20 sx, Miss C B, Tumaco
OIL, LUBRICATING, RED—22 bbls, Miss C B, Tumaco
PARIS GREEN—2 bbls, Miss C B, Tumaco
PHOSPHATE—(Clara) 2,509 tons, Fiume; 1,000 tons, Ancona; 1,000 tons, Borgestad. New Westminster; (Hybert) 2,260 tons, Genoa; 1,100 tons, Spezzia; 5,309 tons, Eastern Guide, Honolulu
ROSIN, GUM—200 bbls, Delplata, Buenos Aires
SOAP, TOILET—1 cs, Miss C B, Tumaco
SODA, BICARBONATE—3 bbls, Miss C B, Tumaco

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—9,200 bbls, La Purisima, Oleum; 7,440 bbls, San Diegan. San Diego; 45,197 bbls, Utacarbon, Portland; 70,110 bbls, Huguenot, Seattle; 70,101 bbls, W S Miller, Portland; 41,391 bbls, Deroche, Edmonds; 31,079 bbls, J J Cooney, Seattle; 7,300 bbls, San Diegan, San Diego
KEROSENE—2,200 bbls, La Purisima, Oleum; 1,542 bbls, Utacarbon, Portland
OIL, DIESEL — 24,300 bbls, La Purisima, Oleum; 1,464 bbls, San Diegan, San Diego; 10,122 bbls, Los Angeles, Port San Luis; 25,102 bbls, Utacarbon, Portland; 11,439 bbls, Huguenot, Seattle; 5,980 bbls, W S Miller Portland; 24,988 bbls, Deroche, Edmonds; 8,698 bbls, J J Cooney, Seattle; 1,469 bbls, San Diegan, San Diego
FUEL—64,803 bbls, Frank G Drum, Avon; 2,362 bbls, Coast Miller, Portland; 49,501 bbls, Topila, Portland; 5,022 bbls, Deroche, Edmonds; 9,621 bbls, Texada, Seattle
FURNACE—4,500 bbls, La Purisima, Oleum; 5,691 bbls, Utacarbon, Portland; 8,360 bbls, Deroche, Edmonds; 17,378 bbls, J J Cooney, Seattle
GAS—9,800 bbls, La Purisima, Oleum
PETROLEUM, CRUDE—60,605 bbls, La Placentia, Oleum
SOLVENTS CLEANING—2,035 bbls, Utarcarbon, Portland

New Orleans Coast Trade

CHEMICALS — 10 kgs, 65 bbls, Hanover, Houston
OIL, CITRONELLA—2 dms, Hanover, Houston
PAINT—105 pkgs, Hanover, Houston
PAPRIKA—50 bgs, Hanover, Houston
PEATMOSS—600 bls, Hanover, Houston
SULPHUR—(American Oriole) 4,000 tons, Oakland; 3,900 tons, San Pedro

Cargo Ship Arrivals

March 11 to March 24

New York

Alabaman	Portland*	Mar 17
American Banker	London	Mar 20
American Farmer	London	Mar 14
American Shipper	Manchester*	Mar 20
Antonia	Liverpool*	Mar 20
Astrea	Maracaibo*	Mar 20
Atlanta	Trieste*	Mar 24
Ausonia	Havre*	Mar 15
Belle Isle	St John's*	Mar 15
Belvedere	Trieste*	Mar 22
Bergensfjord	Oslo*	Mar 18
Bidevind	Manila*	Mar 18
Black Condor	Rotterdam*	Mar 14
Black Gull	Rotterdam*	Mar 19
Black Hawk	Rotterdam*	Mar 14
Borinquen	Trujillo City*	Mar 13
Boston City	Fowey*	Mar 17
Brazil	Buenos Aires*	Mar 21
Buenaventura	Port au Prince*	Mar 20
Caledonia	Glasgow*	Mar 13
California	Antarctic	Mar 14
Cape Corso	Bahia*	Mar 20
Challenger	Mombasa*	Mar 20
City of Baltimore	Hamburg*	Mar 19
City of Hereford	Calcutta*	Mar 18
City of Norfolk	San Francisco*	Mar 13
Coamo	Trujillo City*	Mar 20
Collamer	Dunkirk*	Mar 17
Conte di Savoia	Naples*	Mar 15
Cristobal	Cristobal*	Mar 13
Cypria	Marseilles*	Mar 22
Drottninghoim	Gothenburg	Mar 16
Eli	Hudikavall*	Mar 16
Examella	Constanza*	Mar 17
Exchange	Istanbul*	Mar 23
Excello	Tunis*	Mar 13
Executive	Istanbul*	Mar 20
Exeter	Beirut*	Mar 15
Exmoor	Oran*	Mar 15
F J Luckenbach	Seattle*	Mar 20
Frida	Iquique*	Mar 15
Getuyo	Yokohama*	Mar 16
Hansa	Hamburg*	Mar 17
Henri Jaspar	Antwerp	Mar 13
Ile de France	Havre*	Mar 14
Ilsenstein	Antwerp	Mar 16
Invella	Buenos Aires*	Mar 15
Iriona	Puerto Barrios*	Mar 19
Ivar	Aalborg	Mar 21
Jane Christensen	Portland	Mar 16
Jean Jadot	Antwerp	Mar 20
Kenmar	Warrenton*	Mar 17
Kinka	Yokohama*	Mar 22
Lancastria	Liverpool*	Mar 14
Lionel	Nasugbu*	Mar 20
Luna	Maracaibo*	Mar 20
Manuela	San Juan	Mar 20
Maristella	Trieste*	Mar 17
Maria	Trieste*	Mar 13
Mathilda Thorden	Kotka	Mar 24
Medea	Maracaibo	Mar 13
Mexican	Tacoma*	Mar 15
Mormacrio	Buenos Aires*	Mar 13
Mormactide	Montevideo*	Mar 24
Munargo	Havana*	Mar 16
Muncaster Castle	Manila*	Mar 23
Nako	Keelung*	Mar 22
New Columbia	Accra*	Mar 24
Northern Prince	Buenos Aires*	Mar 15
Otho	Lagos*	Mar 11
Pacific	Portland*	Mar 20
Panuco	Tampico*	Mar 14
Pastores	Puerto Barrios*	Mar 16
Phemius	Hongkong*	Mar 18
Ponce	La Romana*	Mar 14
Potter	Calcutta*	Mar 21
President Harrison	Honolulu*	Mar 15
Prince De Liege	Alexandria*	Mar 22
Ragnhild	Antwerp*	Mar 13
Ravnaas	Diamente	Mar 16
Rosario	San Juan	Mar 13
St Louis	Hamburg*	Mar 14
San Marcos	Portland*	Mar 20
Santa Barbara	San Antonio*	Mar 14
Santa Elena	Curacao*	Mar 14
Santa Rosa	Curacao*	Mar 20
Scania	Ilheos*	Mar 15
Scanmail	Gdynia*	Mar 21
Seatrain New York	New Orleans*	Mar 14
Siboney	Vera Cruz*	Mar 19
Sidney M Hauptman	Seattle*	Mar 16
Silverfir	Singapore*	Mar 20
Silversandal	Shanghai*	Mar 13
Skjelbred	Yokohama*	Mar 22
Skramstad	Iloilo*	Mar 16
Steel Scientist	Batavia*	Mar 15
Talamanca	Puerto Colombia*	Mar 16
Taybank	Shanghai*	Mar 24
Texas Trader	Houston*	Mar 15
Tunaholm	Kotka*	Mar 15
Van Rensselaer	Barbados*	Mar 20
Veragua	Port Limon*	Mar 19
Vermont	Portland*	Mar 20
Vigrid	Gdynia*	Mar 24
Walter A Luckenbach	Seattle*	Mar 23
Washington	San Francisco*	Mar 14
West Cusetta	Helsingfors*	Mar 22
West Kebar	Matadi*	Mar 24
William Blumer	Valparaiso*	Mar 18
William Luckenbach	Seattle*	Mar 17
Yorkmoor	Buenos Aires*	Mar 14
Zaandam	Rotterdam	Mar 13

* And other ports

Recent Charters

ORE—9,018 tons, S S Arlybryn, delivery and redelivery United Kingdom, Continent, 4s ½ d, option two River Plate rounds
PETROLEUM—5,501 tons, S S Invershannon, dirty, Gulf to Havre, 9s 6d; April
7,383 tons, S S Stanmont, gas oil, Constanza to Hamburg, 9s 9d; April
5,561 tons, S S Inverdargle, clean, Black Sea to United Kingdom, Continent, 8s 6d; April
5,500 tons, S S Voco, lubricating, Northern States, United Kingdom, 13s 6d; March
13,000 tons, S S Athel ——, dirty, California-Japan, with options, 12s 6d; April
—— tons, S S Ferncastle, dirty, California to Japan, Philippines, Hongkong, 12s 6d to 15s 9d; March-April
5,714 tons, S S Hallanger, dirty, Gulf to Havre, 11s; March
—— tons, S S ——, gasoline, Gulf to North of Hatteras, 16c a barrel; prompt
3,169 tons, S S Katrine Maersk, clean, Bahren to Bordeaux; March-April
—— tons, S S ——, dirty, Gulf to West Italy, 11s 6d; March-April
5,496 tons, S S Inverlee, dirty, Gulf to Havre, 10s 3d; May
6,071 tons, S S Gretafield, dirty, Gulf to Havre, 10s 4½d; April 20-30
3,578 tons, S S Blaca, clean, Black Sea to United Kingdom, 10s; April

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended March 15

Almonds, bitter, 300 boxes, 50 bags; restricted use.

Caffeine with sodium benzoate, ampoules, 1 package; false and misleading statements; below professed standard.

Derris powder, 23 drums; misbranded under Insecticide Act.

Ergot, 2 cases; not U.S.P.

Medicinal preparations, 11 packages; new drug.

Medicinal preparations, 1 package; new drug; dangerous drug.

Medicinal preparations, 3 packages; new drug; false therapeutic claims.

Medicinal preparations, 4 cases; false therapeutic claims.

Mineral water, 20 cases; polluted; false therapeutic clams; no quantity of contents statement.

Mineral water, 1 case; false therapeutic claims.

Olive oil, 7 cases; no quantity of contents statement.

Sesame seed, 100 bags; filthy.

* Stramonium leaves.

* Correction. Detentions in the week ended March 8 showed 788 bales of stramonium leaves detained at New York station. The correct amount was 78 bales.

Baltimore

Week Ended March 15

Medicinal preparation, 2 packages; new drug.

Medicinal preparation; 3 packages; new drug; dangerous drug.

Buffalo

Week Ended March 15

Medicinal preparation, 2 packages; new drug; false therapeutic claims.

Los Angeles

Week Ended March 9

Medicinal preparations, 6 pieces; false therapeutic claims.

Philadelphia

Week Ended March 15

Codliver oil, 30 drums; restricted use.

Medicinal preparation, 1 package; false therapeutic claims; dangerous drug.

Nutmegs, 116 bags; wormy and moldy.

San Francisco

Week Ended March 9

Medicinal preparation, 10 pieces; false therapeutic claims.

Olive oil, 16 cases; net contents improperly declared.

Seattle

Week Ended March 9

Hair dye, 36 pieces; coal tar dye without caution statement.

Medicinal preparations, 4 pieces; new drugs.

Medical appliance, 4 cases; false therapeutic claims.

Yeast, dry, 4 cases; false therapeutic claims.

Paraffine Cos. Promotes Rea, Coffin, Coleman, and Taussig

Fred W. Rea and Harold P. Coffin have been appointed managing executives of the advertising and sales promotion departments of the Paraffine Companies, Inc., San Francisco. James T. Coleman, who started with the company as a mechanic twenty-five years ago, has been made general superintendent of the Oakland plant, with Ford Taussig being named assistant superintendent.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

HIGH TYPE brokerage representation can be afforded manufacturers in chemical or allied lines who desire to penetrate Chicago and mid-western market. Large and small accounts skillfully handled. In New York City this week available for interview. BOX 326, Oil, Paint and Drug Reporter.

MANUFACTURERS AGENT, 19 years New York Metropolitan area, wholesale paint jobber trade wants additional line on commission basis. Have four salesmen. BOX 331, Oil, Paint and Drug Reporter.

Businesses Wanted

INDIVIDUAL now connected with large chemical firm desires to purchase for cash small going manufacturing pharmaceutical concern with national distribution, preferably located middle west. State price. Other details can be worked out later. BOX 327, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS — Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FROM PLANT liquidations:—Six 1,000 gals. closed, agitated, jack. kettles; 3,000 pound jack., horiz. steel powder mixer, 20 h.p. motor driven; Tolhurst 32-inch rubber lined centrifugal; two 6-foot diameter Buffalo vacuum crystallizers; jacketed agitated vacuum stills 25 to 2,000 gals., glass lined and steel; glass lined and steel storage tanks; 3 ft. by 15 ft. rotary vacuum dryer; Hardinge mill, 6 ft. by 36 in.; pebble and jar mills to 250 gals. capacity; filter presses to 36 in. square; Stedman 42 in. disintegrator; tablet machines, ½ in. to 2 in., single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listings. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Offered

LABORATORY equipment of the late Robert John for sale at public auction in small ballroom of Hotel Roosevelt, 45th street and Madison avenue, New York City, on Wednesday, March 22, 1939, at 2 p.m., consisting in part of fine analytical balance, microscope, recording instruments, barometers, thermometers, pyrometer, testing apparatus, microammeter, lathe, drill, tools, laboratory glassware and other items too numerous to mention. Inspection in rooms 1714-1716, Hotel Roosevelt, on March 20th and 21st, 10 to 12 noon and 2 to 4 p.m., and on March 22nd, 10 to 12 noon. No inspection during sale. Terms cash. Further particulars and list of items to be sold from Michael F. Shea, auctioneer, 350 Broadway, New York City.

REBUILT PAINT equipment at liquidation prices: Ross and Day 12 inch by 30 inch water cooled motor driven mills; Ross 40 gal. motor driven or belt drive pony mixers; Day 15 gal. and 40 gal. motor driven pony mixers; Kent 15 gal. belt driven pony mixer; Ross 50 gal. mixing tank with gear head master motor; economy lift; motor driven; hundreds of other items. First Machinery Corp., 419 Lafayette street, New York, N. Y.

FOR SALE.—Swanson evaporator 10 ft. high, 54 in. diameter, basket type, 142 copper tubes with vacuum pump complete. Also Devine vacuum dryer. 44 in. diameter, 12 ft. long, top load, gear driven, also several blowers, wooden tanks with gears and brass slated false bottoms. For sale cheap. Ernst Zobel Company, Inc. SOuth 8-3900.

Equipment Wanted

WANTED: Stainless steel or nickel kettle vacuum pan, hydraulic presses, preform machines and mixers. BOX 332, Oil, Paint and Drug Reporter.

Factories Offered

MODERN FACTORY—145 ft. by 204 ft., one story high, fenestra sash windows, monitor type roof, concrete floor, steam plant, ample yard, railroad siding, sprinklers. Sale—lease. New Jersey Manhattan five miles. The R. L. Kraft Company, Woolworth Building, COrtlandt 7-9377.

Materials Wanted

DESIRE TO PURCHASE disposal stocks of paints, oils, varnishes, industrial chemicals, dry colors, automotive synthetics or lacquers, associated sundries. King Paint Co., 3722 Union street, Flushing, N. Y. INdependence 3-7126.

Positions Wanted

VARNISH MAKER, energetic, practical, desires connection with a reliable concern. Anything considered. BOX 316, Oil, Paint and Drug Reporter.

CHEMIST EXECUTIVE is available for position offering scope in very progressive organization. Background of factory operation, technical development and sales promotion, with largest scale organizations. Could link research with sales or assist management of medium-sized chemical, varnish, color or printing ink company. Foreign trade experience. Very successful record along all lines. BOX 323, Oil, Paint and Drug Reporter.

PAINT MAN: Twenty-two years experience in production and plant operating, desires position in same capacity. Best of references. Any location. Opportunity. BOX 318, Oil, Paint and Drug Reporter.

ALL-AROUND SHADER in paints and enamels, 15 years' experience, A1 references. Understand from mixing to shading, capable of handling men and getting production; 38 years old; must be a reliable firm; will locate anywhere. BOX 307, Oil, Paint and Drug Reporter.

SECRETARY.—Male, age 26, graduate chemical engineer, 10 years' business experience as secretary, stenographer and cost clerk, wants permanent connection with chemical manufacturer. Opportunity is main consideration. BOX 320, Oil, Paint and Drug Reporter.

TABLET MAN desires position. Thoroughly experienced in both making and coating. Ten years experience in pharmaceutical house. BOX 325, Oil, Paint and Drug Reporter.

PAINT MAN: Nineteen years experience one firm in production and plant operating, desires position in same capacity. Best of references. Any location. Opportunity. BOX 328, Oil, Paint and Drug Reporter.

SALESMAN-TECHNICAL—12 years experience selling resins, oils, pigments and other raw materials to the paint, varnish, lacquer and allied industries. Now available. BOX 329, Oil, Paint and Drug Reporter.

POSITIONS WANTED.—Paint and varnish technician, graduate chemist. More than twenty years technical and practical experience in the formulation and manufacture of industrial, maintenance, marine paints and varnishes, shelf goods, architectural finishes for the master painter. BOX 333, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL ENGINEER actually leading position in first rate French factory producing dry colors of every description. Eight years experience in production and research, having own methods for fabrication of exclusive products of great commercial interest would like to run or to create similar factory in U. S. A. or British Dominions. Write Comptant, 247,041, rue Vivienne 17, Paris.

Selling Method

PAINT MERCHANDISING invention. New revolutionary development—solves biggest sales problem—provides amazing dealer and consumer benefits—especially advantageous for large paint manufacturer seeking new dealers, or opening stores. Correspondence solicited from concern financially able to promote big business. Royalty basis with inventor. BOX 330, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers — If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

CHECK INVENTORIES.—Cash for any quantity, surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

Varnish Fires

COMPLETE oil burning systems, specially adapted for varnish fires, tangential or central fired settings with "Carbofrax" domes or diffuser rings and pedestals carried in stock. Many years' experience in these installations. Otto Penzenstadler, BOX 48, Ridgewood Station, Brooklyn, N. Y.

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Harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. Eleven percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis, and $1 per ton extra for delivery inland.

FISH MEAL.—Slow. California sardine meal is quoted on the basis of $39 per ton, f.o.b. cars, Monterey and $40 per ton, f.o.b. cars, San Francisco Bay points.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted nominally at $2.75 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted at $40 per ton, f.o.b. cars; unground, quoted at 62½c. per unit of protein, cars, San Francisco.

BLOOD MEAL.—Domestic blood meal is quoted on the basis of $2.75 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered Pacific Coast ports.

German Potash 1938 Output Established High Record

Production of potash in Germany recorded a further gain of 10.1 percent in 1938, attaining a new all-time peak of 1,860,000 metric tons K_2O, compared with 1,689,500 tons in 1937. The total bulk production expanded negligibly, or by only 1.3 percent, to 5,190,000 from 5,122,500 metric tons.

A decrease in exports of raw potash salts was due to a severe drop in shipments to the United States, second leading market, to 31,158 metric tons in 1938 from 99,182 tons in 1937. Shipments to Belgium also fell off appreciably, to 70,718 from 98,961 tons. On the other hand, Netherlands, leading market, rose to 210,294 from 180,681 tons; while deliveries to Denmark increased to 118,814 from 90,070 tons, according to the American consulate, Frankfort-on-Main.

Peruvian Government Buys Zorritos Oil Fields

The Peruvian government has purchased the Zorritos oil fields for 2,920,000 soles. The fields, located 18 miles southwest of Tumbles, in Northern Peru, cover 7,315 acres, of which 395 are being worked. The yield from the forty-two producing wells has been estimated at 50,000 barrels annually with gasoline totaling 11,000 barrels, kerosene, 14,000 barrels, and fuel oil, 25,000 barrels. The sol has been quoted recently at 20.37 cents. All the products enter domestic consumption.

Corporation Earnings Recently Reported

	Period.	1938 Net income.	1938 Per share.	1937 Net income.	1937 Per share.
Bausch & Lomb Optical Co.	Year	$482,784	$0.57	$1,087,992	$2.04
Cleveland Graphite Bronze Co.	Year	309,658	.96	1,503,825	4.67
Coca-Cola Bottling Co. of N. Y.	Year	534,902	2.18	261,081	1.07
Corn Products Refining Co.	Year	9,753,669	3.18	8,100,522	2.52
Eastman Kodak Co.	Year	17,339,408	7.54	22,347,345	9.76
Kimberly Clark Corp.	Year	1,894,641	2.66	2,360,417	3.61
McKeesport Tin Plate Corp.	Year	*679,238	.93	.....	...
Merck & Co., Inc.	Year	579,356	1.00	1,095,248	2.72
Newmont Mining Corp.	Year	2,422,105	4.56	2,867,341	5.39
Oliver United Filters, Inc.	Year	292,545	.89	454,738	1.70
Pennsylvania Glass Sand Corp.	Year	435,643	.80	734,423	1.71
Pyrene Mfg. Co.	Year	108,566	.56	232,986	1.20
Savage Arms Corp.	Year	60,434	.36	456,616	2.72
Seiberling Rubber Co.	Year	297,494	.66	*10,444	.47
Sun Oil Co.	Year	3,085,110	1.07	9,544,085	3.86
Sylvania Industrial Corp.	Year	662,106	1.52	598,421	1.38
Texas Corp.	Year	23,139,030	2.13	54,374,319	5.02
Texas Gulf Sulphur Co.	Year	6,963,633	1.81	11,589,281	3.02
United Chemicals, Inc.	Year	42,290	.43	92,085	.05
United Paperboard Co., Inc.	6 mos.	*374	.15	63,012	.10
Vanadium Corp. of America	Year	231,314	.61	836,658	2.22
West Virginia Pulp & Paper Co.	12 mos.	451,276	.54	.....	...
Wrigley (William), jr., Co.	Year	7,653,780	3.88	8,743,591	4.43

* Deficit.

Sulphur Industry Examined by TNEC

—Continued from page 3

at $7.72 per ton, but that he estimated that the production cost is considerably lower than this. Figures were presented on the financial conditions of the two principal companies, prepared by the Federal Trade Commission, and from these tables Dr. Montgomery estimated that, during the past twenty years the average selling and administrative cost of marketing sulphur was $1.57 per ton. He found in these and other data an indication of an absence of competition in the industry.

He added that, during the recent depression years, the companies have had huge inventories of sulphur above ground, but this has not affected the price in any way. He also put in the record an agreement between the Sulphur Export Corporation and Orkla Grube A.B., a Norwegian company, controlling a process for extracting raw sulphur from pyrites, under which the use of this process is limited to certain areas of the world.

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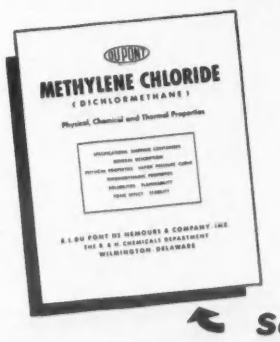

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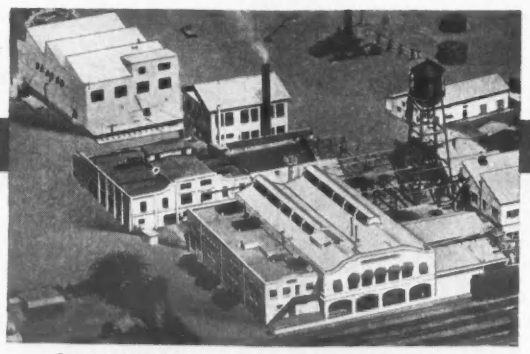

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